



YICK-VIC 伊域

® 伊域化學藥業(香港)有限公司

**YICK-VIC CHEMICALS & PHARMACEUTICALS(HK) LTD**

Rm 1006, 10/F, Hewlett Centre,  
No. 52-54, Hoi Yuen Road,  
Kwun Tong,  
Kowloon, Hong Kong.

Tel: (852) 25412772(4 lines)  
Fax: (852) 25423444 / 25420530 / 21912858  
E-mail: [sales@yickvic.com](mailto:sales@yickvic.com)  
Site: <http://www.yickvic.com>

## Certified Reference Materials (BW & GBW & GBW(E))

Product Code	Product Name	Properties	Package
BW2025	Reference material for the verification of biochemistry analyzer (absorbance, stray light, linearity, cross-contamination)		1set
BW2025-1	Reference material for the verification of biochemistry analyzer (absorbance)		1set
BW2025-2	Reference material for the verification of biochemistry analyzer (absorbance, stray light, linearity)		1set
BW2027	Reference material for the verification of urine analyzer	pH, U=4%; urinary protein, U=4%; urinary sugar, U=2%	3bottles/set
BW2047	Melt flow rate (PP)	19.11g/10min, U=0.70g/10min	35g
BW2047	Melt flow rate (PP)	10.00g/10min, U=0.50g/10min	35g
BW2050	Standard liquid of viscosity at 37°C	8.0mm <sup>2</sup> /s, U=0.3%	8mL
BW2071	Pb in pure copper alloy		1set
BW2072	Pb in brass		1set
BW2073	Pb in brass		1set
BW2074	Pb in iron alloy		1set

Product Code	Product Name	Properties	Package
BW2075	Pb, Cd, Hg in deforming aluminum alloy		1set
BW2076	Pb, Cd, Cr in aluminum alloy		1set
BW2077	Pb in Sn alloy		1set
BW2078	Pb, Cr in Zn alloy		1set
BW2701	Salmon sperm DNA	(2.05±0.074)mg/g	1mL
BW2701-1	Salmon sperm DNA	(0.998±0.036)mg/g	1mL
BW2701-2	Salmon sperm DNA	(0.501±0.018)mg/g	1mL
BW2701-3	Salmon sperm DNA	(0.100±0.004)mg/g	1mL
BW2701-4	Salmon sperm DNA	(0.011±0.001)mg/g	1mL
BW2701-5	Salmon sperm DNA		1mL
BW3009	Sodium oxalate for volumetric analysis	0.1mol/L, U=2‰	20mL
BW3032	Beryllium in 2% HCl	10mg/L, U=3%	80mL
BW3041	Titanium in 0.05mol/L sulfuric acid and 0.2% potassium disulfate	100mg/L, U=2%	80mL
BW3058	NO <sub>3</sub> --N in water	1000mg/L, U=1%	20mL
BW3063	Bromine in water	100mg/L, U=1%	20mL
BW3133	Praseodymium in 10% hydrochloric acid	1000mg/L, U=1.0%	20mL
BW3134	Neodymium in 10% hydrochloric acid	1000mg/L, U=1.0%	20mL
BW3135	Gadolinium in 10% hydrochloric acid	1000mg/L, U=1.0%	20mL
BW3136	Terbium in 10% hydrochloric acid	1000mg/L, U=1.0%	20mL
BW3137	Dysprosium in 10% hydrochloric acid	1000mg/L, U=1.0%	20mL
BW3138	Holmium in 10% hydrochloric acid	1000mg/L, U=1.0%	20mL
BW3139	Erbium in 10% hydrochloric acid	1000mg/L, U=1.0%	20mL
BW3140	Thulium in 10% hydrochloric acid	1000mg/L, U=1.0%	20mL
BW3141	Scandium in 10% hydrochloric acid	1000mg/L, U=1.0%	20mL



Product Code	Product Name	Properties	Package
BW3142	Tungsten in 0.05% NaOH	100mg/L, U=2%	60mL
BW3143	Rubidium in 1% hydrochloric acid	100mg/L, U=2%	20mL
BW3144	Cesium in 1% HCl	100mg/L, U=2%	20mL
BW3162	Total alkalinity in water	1mg/mL, U=1.0%	80mL
BW3163~3168	Multi-elemental solution for analyzing of food packaging materials		80mL
BW3169~3171	Zinc in 4% HAC for analyzing of food packaging materials		80mL
BW3180	Sulfur in 1% HCl	1000mg/L, U=1.0%	20mL
BW3196	Sodium hydroxide for volumetric analysis	0.1mol/L, U=3%	90mL
BW3197	Multi-element solution certified reference material		90mL
BW3198	Multi-element solution certified reference material		90mL
BW3199	Multi-element solution certified reference material		90mL
BW3200	Multi-element solution certified reference material		90mL
BW3416	Isopropylbenzene in methanol	1mg/mL, U=3%	2mL
BW3430	1,2-Dichlorobenzene in isooctane	0.1mg/mL, U=3%	2mL
BW3431	1,3-Dichlorobenzene in isooctane	0.1mg/mL, U=3%	2mL
BW3432	1,4-Dichlorobenzene in isooctane	0.1mg/mL, U=3%	2mL
BW3433	1,2,4-Trichlorobenzene in isooctane	0.1mg/mL, U=3%	2mL
BW3434	Hexachlorobenzene in isooctane	0.1mg/mL, U=3%	2mL
BW3435	Chlorobenzene in isooctane	0.1mg/mL, U=3%	2mL
BW3436	Acrylonitrile in water	1mg/mL, U=3%	2mL
BW3441	Carbendazim	99.1%, U=0.8%	0.1g
BW3444	Pentachloronitrobenzene	0.100mg/mL, U=2%	2mL
BW3448	Glyphosate	99.9%, U=0.5%	0.1g



Product Code	Product Name	Properties	Package
BW3449	Alcohol in water	80mg/100mL, U=3%	2mL
BW3450	Formaldehyde in water	10mg/mL, U=3%	2mL
BW3451	Anilin in methanol	1mg/mL, U=3%	2mL
BW3452	Food preservative-benzoic acid in petroleum ether	1mg/mL, U=1%	10mL
BW3453	Nitrogen content (urea) in water	1000mg/L, U=3%; 10mg/L, U=3%	20mL
BW3460	Acephate	99.8%, U=0.3%	100mg
BW3460-2	Acephate	1.00mg/mL, U=4%	1mL
BW3469	Fenitrothion	98.3%, U=1.0%	100mg
BW3469-2	Fenitrothion in methanol	1.00mg/mL, U=4.0%	1mL
BW3478	Abamectin	99.2%, U=0.7%	0.1g
BW3479	Prochloraz	98.4%, U=1.0%	0.1g
BW3480	Carbendazim	98.9%, U=1.0%	0.1g
BW3484	Fenbutatin-oxide	99.9%, U=0.5%	0.1g
BW3499	1,2,3-trichlorobenzene in isooctane	0.1mg/mL, U=3%	2mL
BW3500	1,3,5-trichlorobenzene in isooctane	0.1mg/mL, U=3%	2mL
BW3501	1,2,3,4-tetrachlorobenzene in isooctane	0.1mg/mL, U=3%	2mL
BW3502	1,2,4,5-tetrachlorobenzene in isooctane	0.1mg/mL, U=3%	2mL
BW3503	Pentachlorobenzene in isooctane	0.1mg/mL, U=3%	2mL
BW3504	Trichloromethane and carbon tetrachloride in methanol	CHCl <sub>3</sub> : 5.00mg/L; CCl <sub>4</sub> : 0.25mg/L; U=5%	2mL
BW3506	Phenols in methanol	200µg/mL, U=5%	2mL
BW3506-2	Phenols in methanol	2, 4-dichlorophenol: 50µg/mL; 2, 4, 6-trichlorophenol: 20µg/mL; Pentachlorophenol: 11µg/mL, U=5%	2mL
BW3507	Food preservative-sorbic acid	99%, U=1%	0.2g
BW3512	Standard solution for performance testing of	n-Tetradecane: 300ng/µL; n-pentadecane: 300ng/µL; n-hexadecane:	1mL



Product Code	Product Name	Properties	Package
	GC-FID	300ng/μL; U=3%	
BW3513	Standard solution for performance testing of GC-ECD	gamma-BHC: 33pg/μL; aldrin: 33pg/μL; U=3%	1mL
BW3514	Standard solution for performance testing of GC-TCD	n-Tetradecane: 3μg/μL; n-pentadecane: 3μg/μL; n-hexadecane: 3μg/μL, U=3%	1mL
BW3515	Calibration standard Standard solution for performance testing of GC-FPD	1-Dodecanethiol: 21.5ng/μL; tributyl phosphate: 20.0ng/μL; parathion-methyl: 20.0ng/μL; n-pentadecane: 4000ng/μL, U=3%	1mL
BW3521-2	Industrial penta-BDE in toluene	Total concentration: 500μg/mL, U=5%	1.2mL
BW3522-2	Industrial octa-BDE in in toluene	Total concentration: 500μg/mL, U=5%	1.2mL
BW3523-2	Deca-BDE in toluene	Total concentration: 500μg/mL, U=5%	1.2mL
BW3524 GBW10056	Sudan I	96.7%, U=1%	0.1g
BW3525	Sudan II	83.3%, U=2%	0.1g
BW3526	Sudan III	91.3%, U=2%	0.1g
BW3527	Sudan IV	75.5%, U=2%	0.1g
BW3538	Sudan red 7b	93.5%, U=2%	0.1g
BW3543	Food additives: benzoic acid, sorbic acid, saccharin sodium mixture		5mL
BW3551	Propanil in methanol	0.10mg/mL, U=4%	1mL
BW3552	Bentazon in methanol	0.100mg/mL, U=4%	1mL
BW3553	Vamidotion in methanol	0.10mg/mL, U=5%	1mL
BW3555	Pirimiphos-methyl in methanol	0.10mg/mL, U=4%	1mL
BW3558	Ethion in methanol	0.10mg/mL, U=4%	1mL
BW3560	Fenarimol in methanol	0.10mg/mL, U=4%	1mL
BW3562	Anilazine in acetonitrile	0.10mg/mL, U=4%	1mL



Product Code	Product Name	Properties	Package
BW3563	Molinate in methanol	0.10mg/mL, U=4%	1mL
BW3564	Hexythiazox in methanol	0.10mg/mL, U=4%	1mL
BW3565	Flusilazole in methanol	0.10mg/mL, U=4%	1mL
BW3566	Fenobucarb in methanol	0.10mg/mL, U=4%	1mL
BW3567	Fenthion in methanol	0.10mg/mL, U=4%	1mL
BW3569	Pretilachlor in methanol	0.10mg/mL, U=4%	1mL
BW3570	Carbosulfan in methanol	0.10mg/mL, U=4%	1mL
BW3571	Metolachlor in methanol	0.10mg/mL, U=4%	1mL
BW3572	Cadusafos in methanol	0.10mg/mL, U=4%	1mL
BW3573	Fluazifop-p-butyl in acetonitrile	0.10mg/mL, U=4%	1mL
BW3574	Propargite in acetonitrile	0.10mg/mL, U=4%	1mL
BW3575	Ethoprophos in methanol	0.10mg/mL, U=4%	1mL
BW3577	Aldicarb in methanol	0.10mg/mL, U=5%	1mL
BW3578	Tau-fluvalinate in acetonitrile	0.10mg/mL, U=5%	1mL
BW3579	Bromopropylate in methanol	0.10mg/mL, U=5%	1mL
BW3580	Fluazifop-butyl in methanol	0.10mg/mL, U=5%	1mL
BW3581	Phosalone in methanol	0.10mg/mL, U=5%	1mL
BW3582	Dicofol in methanol	0.10mg/mL, U=5%	1mL
BW3583	Edifenphos in methanol	0.10mg/mL, U=5%	1mL
BW3584	Flucythrinate in methanol	1.0mg/mL, U=5%	1mL
BW3594	Total dietary fibre	71.4%, U=3.0%	5g
BW3600	Thiamine hydrochloride	99.6%±0.9%	50mg
BW3601	Riboflavin	99.7%±0.2%	100mg
BW3602	Calcium pantothenate	99.6%±0.2%	100mg
BW3603	Cyanocobalamin	99.0%±0.8%	100mg



Product Code	Product Name	Properties	Package
BW3604	Multivitamin	thiamine hydrochloride 1.01mg/g±0.08mg/g; riboflavin 1.24mg/g±0.10mg/g; calcium pantothenate 8.83mg/g±0.57mg/g; B6 1.80mg/g±0.13mg/g	1g
BW3606	Purity of disodium inosinate	99.75%, U=0.32%	20mg
BW3607	Purity of inosinate	99.78%, U=0.24%	20mg
BW3608	Purity of quercetin	99.23%, U=0.28%	10mg
BW3609	Purity of kaempferol	99.86%, U=0.20%	10mg
BW3610	Purity of isorhamnetin	99.70%, U=0.28%	10mg
BW3613	Purity of stearic acid	99.7%, U=0.5%	100mg
BW3614	Purity of elaidic acid	99.4%, U=0.5%	100mg
BW3619	Melamine in milk powder	(82.2±4.0)mg/Kg	20g
BW3620	4-Methylumbelliferyl	(99.8±0.4)%	50mg
BW3622	Human angiotension II relative molecular weight	1045.5±1.2	5mg
BW3624	Myoglobin from horse heart relative molecular weight	16951±16	5mg
BW3625	Glycated hemoglobin	(11.6±1.9)%	10µL
BW3626	Glycated hemoglobin	(5.0±0.9)%	10µL
BW3634	Purity of acrylamide	99.9%, U=0.2%	50mg
GBW10057			
BW3639	Purity of tridecanoic acid	99.5%, U=0.4%	100mg
BW3640	Purity of tetradecanoic acid	99.6%, U=0.4%	100mg
BW3641	Purity of heptadecanoic acid	99.4%, U=0.3%	100mg
BW3642	Purity of eicosanoic acid	99.3%, U=0.3%	100mg
BW3643	Purity of docosanoic acid	99.2%, U=0.38%	100mg
BW3648	Reference material for the protein content of whey protein powder	total nitride 5.5%, U=3%; protein34.4%, U=3%	1.2g



Product Code	Product Name	Properties	Package
BW3649	Purity of dicyanodiamide	99.4%, U=1.0%	100mg
BW3650	Mercury in cosmetic (cream)	1.3µg/g, U=0.1µg/g	10g
BW3703	Industrial toxaphene in isooctane	heptachlor, cis-chlordane, trans-trans-chlordane, cis-nonachlor, trans-nonachlor: (100-500)µg/kg, U<14%	1.2mL
BW3704	Toxaphene in isooctane	Total concentration: (9.5-10.5)ng/kg, U<5%	1mL
BW3706	7 PCBs in isooctane	PCB28, PCB52, PCB101, PCB118, PCB138, PCB153, PCB180: (190-210)µg/kg, U<4%	1mL
BW3708	16 organochlorinated pesticides in salmon oil		1mL
BW3709	13 organochlorinated pesticides in salmon tissue		10g
BW3710	18 organochlorinated pesticides in tuna tissue		5g
BW3711	14 organochlorinated pesticides in tuna tissue		5g
BW3714 GBW(E)081519	7PCBs in low contaminated soil		10g
BW3715 GBW(E)081518	7PCBs in high contaminated soil		10g
BW3717 GBW(E)081520	7 PCBs in tuna tissue (Arochlor fortified)		5g
BW3718	PCBs standard solution	PCB single component: 1mg/L, U≤5%	1mL
BW3719	3-MCPD (with internal standard)	10mg/L	set(3)
BW3720	PCB in methanol	10µg/g, U=3.2%	1mL
BW3720-1	PCB in methanol	10µg/g, U=3.2%	5mL
BW3815	Clenbuterol hydrochloride	99.1%, U=0.8%	0.1g
BW3816	Furaltadone hydrochloride	99.8%, U=0.7%	0.1g
BW3817	Nitroforantoin	99.6%, U=0.7%	0.1g
BW3819	PCB118 in isooctane	10µg/g, U=3.2	1mL





Product Code	Product Name	Properties	Package
BW3820	PCB103 in isooctane	10µg/g, U=3.2	1mL
BW3821	PCB52 in isooctane	10µg/g, U=3.2	1mL
BW3822	PCB15 in isooctane	10µg/g, U=3.2	1mL
BW3823	PCB28 in isooctane	10µg/g, U=3.2	1mL
BW3824	PCB209 in isooctane	10µg/g, U=3.2	1mL
BW3825	PCB101 in isooctane	10µg/g, U=3.2	1mL
BW3826	PCB204 in isooctane	10µg/g, U=3.2	1mL
BW3827	PCB180 in isooctane	10µg/g, U=3.2	1mL
BW3828	PCB138 in isooctane	10µg/g, U=3.2	1mL
BW3829	PCB153 in isooctane	10µg/g, U=3.2	1mL
BW3830	PCB105 in isooctane	10µg/g, U=3.2	1mL
BW3832-1	Protein in milk powder	17.44%, U=6%	30g
BW3832-2	Protein in milk powder	22.84%, U=6%	30g
BW3832-3	Protein in milk powder	34.63%, U=6%	25g
BW4014	Plasmid DNA containing genetically modified BT63 (TT51-1) rice DNA fragments	sequencing ratio 1.00, U=0.07%; PCR ratio 1.00, U=0.11%	
BW4015	Plasmid DNA containing genetically modified NK603 maize DNA fragments	sequencing ratio 1.00, U=0.04%; PCR ratio 0.97, U=0.09%; concentration 2.40×10 <sup>-8</sup> copy/µL, U=0.14×10 <sup>-8</sup> copy/µL	
BW4016	Plasmid DNA containing genetically modified MON89788 soybean DNA fragments	sequencing ratio 1.00, U=0.04%; PCR ratio 1.01, U=0.1%	
BW4017	Genetically modified NK603 maize seed powder	0.50%, U= 0.10%	
BW4018	Genetically modified NK603 maize seed powder	1.00%, U=0.35%	
BW4019	Genetically modified NK603 maize seed powder	5.00%, U=0.35%	
BW5009	Standard solution for oscillographicpolarograph	NH4OH: 0.2 mol/L; NH4Cl: 0.2 mol/L; Na2SO3: 1%	
BW5020	Naphthalene in methanol	200µg/mL, U=4%	2mL



Product Code	Product Name	Properties	Package
BW5022	Glycerol in water	1mg/L, U=5%	2mL
BW5022-1	Glycerol in water	0.1mg/L, U=5%	2mL
BW5025-1	Sucrose in water	10%, U=0.2%	2mL
BW5025-2	Sucrose in water	30%, U=0.2%	2mL
BW5025-3	Sucrose in water	50%, U=0.2%	2mL
BW5026 GBW(E)082064	Azobenzene, malathion mixture in isooctane	10ng/μL, U=5%	2mL
BW5064	Anthracene in methanol	200μg/mL, U=4%	2mL
BW5065	Phenanthrene in methanol	200μg/mL, U=4%	2mL
BW5066	Chrysene in methanol	100μg/mL, U=4%	2mL
BW5067	Biphenyl in methanol	200μg/mL, U=4%	2mL
BW5068	PAHs in methanol	naphthalene, fluoranthene, benzo[b]fluorathene, benzo[k]fluorathene, benzo[ghi]pyrene, ndeno[1,2,3-cd]pyrene, benzo[a]pyrene: (6.9-16)μg/mL, U=5%	2mL
BW5069	Methyl octadecanoate in isooctane	10ng/μL, U=3%	1mL
GBW(E)010014	Cast iron	C, S, Mn, P, Si, Cu	100g
GBW(E)010015	Cast iron	C, S, Mn, P, Si	100g
GBW(E)010016	Cast iron	C, S, Mn, P, Si, Cr	100g
GBW(E)010017	Cast iron	C, S, Mn, P, Si	100g
GBW(E)010018	Cast iron	C, S, Mn, P, Si	100g
GBW(E)010021	Carbon steel	C, Si, Mn, P, S, Cu, Ni, Cr	150g
GBW(E)010022	Carbon steel	C, Si, Mn, P, S, Cu, Ni, Cr, As, Sb, Sn, Pb, Bi	150g
GBW(E)010023	Carbon steel	C, Si, Mn, P, S, Cu, Ni, Cr	150g
GBW(E)010024	Carbon steel	C, Si, Mn, P, S, Cu, Ni, Cr, As, Sb, Sn, Pb, Bi	150g
GBW(E)010025	Carbon steel	C, Si, Mn, P, S, Cu, Ni, Cr, As, Sb, Sn, Pb, Bi	150g



Product Code	Product Name	Properties	Package
GBW(E)010026	Carbon steel	C, Si, Mn, P, S, Cu, Ni, Cr, As, Sb, Sn, Pb, Bi	150g
GBW(E)010027	Carbon steel	C, Si, Mn, P, S, Cu, Ni, Cr	150g
GBW(E)010028	Carbon steel	C, Si, Mn, P, S, Cu, Ni, Cr	150g
GBW(E)010029	Carbon steel	C, Si, Mn, P, S, Cu, Ni, Cr, As, Sb, Sn, Pb, Bi	150g
GBW(E)010030	Carbon steel	C, Si, Mn, P, S, Cu, Ni, Cr	150g
GBW(E)010059	Cast iron	C, S, Mn, P, Si, Cu	100g
GBW(E)010060	Cast iron	Mn, P, Si, Cu	100g
GBW(E)010061	Cast iron	C, S, Mn, P, Si, Cu	100g
GBW(E)010062	Cast iron	C, S, Mn, P, Si, Cu	100g
GBW(E)010063	Cast iron	S, Mn, P, Cu	100g
GBW(E)010064	Cast iron	C, S, Mn, P, Si, Cu	100g
GBW(E)010065	Cast iron	C, S, Mn, P, Si, Cu	100g
GBW(E)010066	Cast iron	C, S, Mn, P, Si, Cu	100g
GBW(E)010067	Cast iron	S, Mn, P, Si, Cu	100g
GBW(E)010068	Cast titanium alloy	Al, Fe, Mo, Si, Sn, Y, Zr	
GBW(E)010143	Cast iron	C, Si, Mn, P, S, Cu	100g
GBW(E)010144	Cast iron	Si, Mn, P, S	100g
GBW(E)010145	Cast iron	C, Si, Mn, P, S, Cu	100g
GBW(E)010146	Cast iron	C, Si, Mn, P, S, Cu	100g
GBW(E)010147	Cast iron	C, Si, Mn, P, S, Cu	100g
GBW(E)010148	Cast iron	C, Si, Mn, P, S	100g
GBW(E)010149	Cast iron	C, Si, Mn, P, S, Cu	100g
GBW(E)010150	Cast iron	Si, Mn, P, S, Cu	100g
GBW(E)010151	Cast iron	Si, Mn, P, S, Cu	100g
GBW(E)010152	Cast iron	C, Si, Mn, P, S, Cu	100g

Product Code	Product Name	Properties	Package
GBW(E)010159	Cast iron	C, S, Mn, P, Si, As	100g
GBW(E)010160	Cast iron	C, S, Mn, P, Si, As	100g
GBW(E)010168	Carbon structural steel	C, Si, Mn, P, S, Cu, Ni, Cr, Mo, Ti, Al(s), Co	Φ40mm× 30mm
GBW(E)010169	Carbon structural steel	C, Si, Mn, P, S, Cu, Ni, Cr, Mo, Ti, Co	Φ40mm× 30mm
GBW(E)010170	Carbon structural steel for spectral analysis	C, Si, Mn, P, S, Cu, Ni, Cr, Mo, Ti, Al(s), Co	
GBW(E)010171	Carbon structural steel for spectral analysis	C, Si, Mn, P, S, Cu, Ni, Cr, Mo, Ti, Co	
GBW(E)010172	Cast iron	C, S, Mn, P, Si, As	100g
GBW(E)010173	Cast iron	C, S, Mn, P, Si, As	100g
GBW(E)010174	Cast iron	C, S, Mn, P, Si, As	100g
GBW(E)010175	Cast iron	C, S, Mn, P, Si, As	100g
GBW(E)010176	Cast iron	C, S, Mn, P, Si, As	100g
GBW(E)010177	Cast iron	C, S, Mn, P, Si, As	100g
GBW(E)010178	Cast iron	C, S, Mn, P, Si, As	100g
GBW(E)010179	Cast iron	C, S, Mn, P, Si, As	100g
GBW(E)010180	Cast iron	C, S, Mn, P, Si, As, Re, Mg	100g
GBW(E)010181	Cast iron	C, S, Mn, P, Si, As	100g
GBW(E)010182	Cast iron	C, S, Mn, P, Si, As	100g
GBW(E)010183	Cast iron	C, S, Mn, P, Si, As	100g
GBW(E)010184	Cast iron	C, S, Mn, P, Si, As	100g
GBW(E)010185	Cast iron	C, S, Mn, P, Si, As	100g
GBW(E)020015	Lead brass	Bi, Cu, Fe, P, Pb, Sb, Zn	100g
GBW(E)020036	Aluminium alloy 5B06(LF14)	Cu, Fe, Mg, Mn, Si, Ti, Zn, Zr	
GBW(E)020037	Aluminium alloy 5B06(LF14) (for spectroscopic	Cr, Cu, Fe, Mg, Mn, Si, Ti, Zn, Zr, Be	



Product Code	Product Name	Properties	Package
	analysis)		
GBW(E)020038	Beryllium copper alloy (for chemical analysis )	Ni, Si, Fe, Al, Be, Pb	50g
GBW(E)050001	Polystyene (narrow molecular weight distribution)		0.2g
GBW(E)050002	Polystyene (narrow molecular weight distribution)		0.2g
GBW(E)050003	Polystyene (narrow molecular weight distribution)		0.2g
GBW(E)050004	Dextran (narrow molecular weight distribution)	$4.32 \times 10^{-3} \text{g/mol}$ , U=7.6%	0.2g
GBW(E)050005	Dextran (narrow molecular weight distribution)	$1.26 \times 10^{-4} \text{g/mol}$ , U=7.8%	0.2g
GBW(E)050006	Dextran (narrow molecular weight distribution)	$6.06 \times 10^{-4} \text{g/mol}$ , U=7.6%	0.2g
GBW(E)050007	Dextran (narrow molecular weight distribution)	$1.10 \times 10^{-5} \text{g/mol}$ , U=7.8%	0.2g
GBW(E)050008	Dextran (narrow molecular weight distribution)	$2.89 \times 10^{-5} \text{g/mol}$ , U=7.8%	0.2g
GBW(E)050009	Dextran (narrow molecular weight distribution)	$5.21 \times 10^{-5} \text{g/mol}$ , U=7.6%	0.2g
GBW(E)060018e	Potassium dichromate purity (oxidimetric value)	99.97%, U=0.02%	50g
GBW(E)060019f	Potassium hydrogen phthalate purity	100.00%, U=0.02%	40g
GBW(E)060020a	Potassium chloride purity (assay standard for chloride)	99.98%, U=0.02%	50g
GBW(E)060021e	Sodium oxalate purity (reductometric standard)	99.98%, U=0.03%	50g
GBW(E)060023d	Sodium carbonate purity	99.95%, U=0.02%	50g
GBW(E)060024d	Sodium chloride purity (assay standard for chloride)	99.97%, U=0.02%	50g
GBW(E)060025b	Ethylenediamine tetra-acetic acid disodium salt purity (complexometric standard)	99.97%, U=0.02%	50g
GBW(E)060073	Malathion standard solution	$(100 \pm 2) \mu\text{g/mL}$	2mL
GBW(E)060074	Dichlorvos (DDVP) in methanol	$(99.8 \pm 0.4) \mu\text{g/mL}$	2mL
GBW(E)060075	Dimethoate in methanol	$(101 \pm 2) \mu\text{g/mL}$	
GBW(E)060080a	Calcium carbonate purity	99.96%, U=0.04%	50g

Product Code	Product Name	Properties	Package
GBW(E)060081	alpha-BHC in methanol	50.0µg/mL, U=1%	2mL
GBW(E)060082	beta-BHC in methanol	50.0µg/mL, U=1%	2mL
GBW(E)060083	gamma-BHC in methanol	50.0µg/mL, U=1%	2mL
GBW(E)060084	delta-BHC in methanol	50.0µg/mL, U=1%	2mL
GBW(E)060102	p,p'-DDT in methanol	50.0µg/mL, U=1%	2mL
GBW(E)060103	o,p-DDT in methanol	50.0µg/mL, U=1%	2mL
GBW(E)060104	p,p'-DDE in methanol	50.0µg/mL, U=1%	2mL
GBW(E)060105	p,p'-DDD in methanol	50.0µg/mL, U=1%	2mL
GBW(E)060133	Organochlorine pesticides mixture in mathanol	50.0µg/mL, U=2%	2mL
GBW(E)060138	Deltamethrin	99.7%, U=0.2%	0.1g
GBW(E)060139	Cypermethrin	99.7%, U=0.2%	0.1g
GBW(E)060140	Fenvalerate	100.0%, U=0.2%	0.1g
GBW(E)060223	Carbaryl	99.9%, U=0.2%	0.1g
GBW(E)060224	Isoprocarb	99.9%, U=0.2%	0.1g
GBW(E)060225	Carbofuran	99.9%, U=0.2%	0.1g
GBW(E)060239	Acetanilide standard for elemental analysis	C ,H, N	2g
GBW(E)060317	Magnesium oxide purity	99.95%, U=0.09%	10g
GBW(E)060320	Potassium nitrate purity	99.96%, U=0.09%	10g
GBW(E)060321	Potassium bromide purity	99.94%, U=0.09%	10g
GBW(E)060322	Ammonium chloride purity	99.98%, U=0.08%	10g
GBW(E)060323	Sodium fluoride	99.93%, U=0.09%	10g
GBW(E)060546	Methomyl	99.9%, U=0.3%	0.1g
GBW(E)060552	2,4-D	99.4%, U=0.4%	0.1g
GBW(E)060613	Nitrofen	99.9%, U=0.4%	0.1g
GBW(E)060614	Prometryn	99.5%, U=0.5%	0.1g

Product Code	Product Name	Properties	Package
GBW(E)060615	Atrazine	96.5%, U=0.5%	0.1g
GBW(E)060616	2,4-D butylate	99.3%, U=0.3%	1mL
GBW(E)060617	Pentachloronitrobenzene	98.1%, U=0.6%	0.1g
GBW(E)060618	Triadimefon	99.8%, U=0.4%	0.1g
GBW(E)060619	Chlorothalonil	99.8%, U=0.4%	0.1g
GBW(E)060870	Methidathion	99.7%, U=0.3%	0.1g
GBW(E)060871	Chlorpyrifos	99.8%, U=0.3%	0.1g
GBW(E)060872	Fomesafen	99.7%, U=0.6%	0.1g
GBW(E)060873	Diazion	99.4%, U=0.4%	0.1g
BW3457			
GBW(E)060874	Parathion-methyl	99.3%, U=0.5%	0.1g
GBW(E)060875	Endosulfan	99.8%, U=0.4%	0.1g
GBW(E)060876	Acephate	99.9%, U=0.2%	0.1g
GBW(E)060877	Trifluralin	99.9%, U=0.2%	0.1g
GBW(E)060878	Cyromazine	99.9%, U=0.3%	0.1g
GBW(E)060879	Tricyclazole	99.6%, U=0.4%	0.1g
GBW(E)060880	Thiabendazole	99.9%, U=0.5%	0.1g
GBW(E)060881	Procymidone	99.8%, U=0.4%	0.1g
GBW(E)060882	Tebuconazole	99.8%, U=0.5%	0.1g
GBW(E)060883	Triadimenol	99.1%, U=0.4%	0.1g
GBW(E)060884	Chlorotoluron	99.7%, U=0.7%	0.1g
GBW(E)060885	Diniconazole	99.8%, U=0.5%	0.1g
GBW(E)060886	Pendimethalin	99.9%, U=0.2%	0.1g
GBW(E)060887	Imazalil	99.8%, U=0.6%	0.1g
GBW(E)060888	Iprodione	99.5%, U=0.5%	0.1g



Product Code	Product Name	Properties	Package
GBW(E)060889	Esfenvalerate	99.6%, U=0.5%	0.1g
GBW(E)060890	Pirimicarb	99.5%, U=0.4%	0.1g
GBW(E)060891	Oxadiazon	99.9%, U=0.2%	0.1g
GBW(E)060892	Paraquat	99.9%, U=0.5%	0.1g
GBW(E)060893	Diflubenzuron	99.8%, U=0.6%	0.1g
GBW(E)060894	Phorate	99.6%, U=0.6%	0.1g
GBW(E)060895	Chlorbenzuron	99.8%, U=0.7%	0.1g
GBW(E)060896	Phoxim	99.5%, U=0.5%	0.1g
GBW(E)060897	Diquat	99.9%, U=0.3%	0.1g
GBW(E)060898	Fluroxypyr	99.7%, U=0.7%	0.1g
GBW(E)060899	Cartap	99.8%, U=0.5%	0.1g
GBW(E)060900	Sulfadimidine	99.8%, U=0.2%	0.1g
GBW(E)060901	Sulfadiazine in methanol	99.6%, U=0.4%	0.1g
GBW(E)060902	Sulfamerazine	99.8%, U=0.2%	0.1g
GBW(E)060903	Sulfapyridine	99.9%, U=0.2%	0.1g
GBW(E)060904	Sulfathiazole	99.9%, U=0.5%	0.1g
GBW(E)060905	Sulfamethoxazole	99.8%, U=0.5%	0.1g
GBW(E)060906	Sulfadimethoxine	99.3%, U=0.5%	0.1g
GBW(E)060907	Chloramphenicol	99.8%, U=0.2%	0.1g
GBW(E)060908	Metronidazole	99.9%, U=0.2%	0.1g
GBW(E)060909	Dimetridazole	99.9%, U=0.2%	0.1g
GBW(E)060939	Alachlor	99.7%, U=0.3%	0.1g
GBW(E)060940	diphenylamine	99.9%, U=0.3%	0.1g
GBW(E)060941	Acifluorfen	99.7%, U=0.3%	0.1g
GBW(E)060942	Clofentezine	99.8%, U=0.3%	0.1g



Product Code	Product Name	Properties	Package
GBW(E)060943	Chlorpyrifos-methyl	99.9%, U=0.2%	0.2g
GBW(E)060944	Nitrofural	99.8%, U=0.4%	0.1g
GBW(E)060974	Purity of pyridaphenthione	99.6%, U=0.4%	100mg
GBW(E)060975	Purity of anilofos	99.8%, U=0.4%	100mg
GBW(E)060976	Purity of chlorpropham	99.7%, U=0.5%	100mg
GBW(E)060977	Purity of promecarb	99.8%, U=0.3%	100mg
GBW(E)060978	Purity of fenpropathrin	99.9%, U=0.3%	100mg
GBW(E)060979	Purity of myclobutanil	99.9%, U=0.4%	100mg
GBW(E)060980	Purity of acetamiprid	99.9%, U=0.2%	100mg
GBW(E)060981	Purity of imazethapyr	99.7%, U=0.3%	100mg
GBW(E)060982	Purity of diflufenican	99.9%, U=0.3%	100mg
GBW(E)060983	Purity of metribuzin	99.6%, U=0.9%	100mg
GBW(E)060984	Purity of diethylstilboestrol	99.7%, U=0.3%	100mg
GBW(E)060985	Purity of estradiol	99.4%, U=0.6%	100mg
GBW(E)060994	Purity of phosmet	99.1%, U=0.8%	100mg
GBW(E)060995	Purity of phosmet	99.8%, U=0.2%	100mg
GBW(E)060996	Purity of imidacloprid	99.9%, U=0.2%	100mg
GBW(E)060997	Purity of etofenprox	99.7%, U=0.3%	100mg
GBW(E)060998	Purity of ametryn	99.9%, U=0.4%	100mg
GBW(E)060999	Purity of ametryn	99.3%, U=0.5%	100mg
GBW(E)061000	Purity of triasulfuron	99.5%, U=0.7%	100mg
GBW(E)061001	Purity of triasulfuron	99.3%, U=0.8%	100mg
GBW(E)061002	Purity of ouinclorac	99.8%, U=0.8%	100mg
GBW(E)061003	Purity of brodifacoum	99.7%, U=0.9%	100mg
GBW(E)061097	cis-Permethrin	99.7%, U=0.5%	100mg



Product Code	Product Name	Properties	Package
GBW(E)061098	trans-Permethrin	99.8%, U=0.5%	100mg
GBW(E)061099	lambda-Cyhalothrin	99.5%, U=0.5%	100mg
GBW(E)061100	Bensulfuron-methyl pesticide	99.6%, U= 0.6%	100mg
GBW(E)061101	Diuron pesticide	99.9%, U= 0.5%	100mg
GBW(E)061102	Picloram pesticide	99.9%, U= 0.5%	100mg
GBW(E)061103	Thiodicarb pesticide	99.7%, U= 0.7%	100mg
GBW(E)061104	Thiosultap-monosodium pesticide	99.8%, U= 0.8%	100mg
GBW(E)061261	Acephate	99.5%, U= 0.2%	
GBW(E)061387	Fenbuconazole in methanol	0.100mg/mL, U=4%	1mL
GBW(E)061388 BW3554	Isoprothiolane in methanol	0.100mg/mL, U=4%	1mL
GBW(E)061392	Propiconazol in methanol	1.00mg/mL, U=4%	1mL
GBW(E)061393	Imidacloprid in methanol	1.00mg/mL, U=1%	2mL
GBW(E)061394	Benfuracarb in methanol	0.100mg/mL, U=4%	1mL
GBW(E)061395	Phenthoate in methanol	1.00mg/mL, U=4%	2mL
GBW(E)061397 BW3457-2	Diazion in methanol	1.00mg/mL, U=1%	1mL
GBW(E)061399	Methamidophos in methanol	1.00mg/mL, U=1%	1mL
GBW(E)061400 BW3466-2	Phorate in methanol	1.00mg/mL, U=1%	1mL
GBW(E)061404 BW3454-2	Methidathion in methanol	1.00mg/mL, U=1%	1mL
GBW(E)061405 BW3468-2	Phoxim in methanol	1.00mg/mL, U=1%	2mL
GBW(E)061412	Butachlor in methanol	0.100mg/mL, U=5%	1mL



Product Code	Product Name	Properties	Package
BW3556			
GBW(E)070012	Gold in gold ore	(0.3±0.01)µg/g	1000g
GBW(E)070013	Gold in gold ore	(1.9±0.04)µg/g	1000g
GBW(E)070014	Gold in gold ore	(3.14±0.08)µg/g	1000g
GBW(E)070015	Gold in gold ore	(10.0±0.2)µg/g	1000g
GBW(E)070018	Gold in gold ore	(0.27±0.03)µg/g	1000g
GBW(E)070019	Gold in gold ore	(0.42±0.03)µg/g	1000g
GBW(E)070020	Gold in gold ore	(0.66±0.04)µg/g	1000g
GBW(E)070021	Gold in gold ore	(1.43±0.10)µg/g	1000g
GBW(E)070022	Gold in gold ore	(2.36±0.13)µg/g	1000g
GBW(E)070023	Gold in gold ore	(3.60±0.12)µg/g	1000g
GBW(E)070037a	Reference material for rock pyrolysis analysis		10g
GBW(E)070038a	Reference material for rock pyrolysis analysis		10g
GBW(E)070039a	Reference material for rock pyrolysis analysis		10g
GBW(E)070040	Mudstone	SiO <sub>2</sub> , TiO <sub>2</sub> , Al <sub>2</sub> O <sub>3</sub> , Fe <sub>2</sub> O <sub>3</sub> (t), MnO, MgO, CaO, Na <sub>2</sub> O, K <sub>2</sub> O, L.O.I., B, Ba, Cd, Co, Cr, Cu, Ga, Li, Ni, Pb, Sr, V, Zn, Zr	80g
GBW(E)070041	Agricultural soil	SiO <sub>2</sub> , Al <sub>2</sub> O <sub>3</sub> , Fe <sub>2</sub> O <sub>3</sub> (t), MgO, CaO, Na <sub>2</sub> O, K <sub>2</sub> O, TiO <sub>2</sub> , MnO, P <sub>2</sub> O <sub>5</sub> , L.O.I., B, Cu, Mo, Zn,	70g
GBW(E)070042	Agricultural soil	SiO <sub>2</sub> , Al <sub>2</sub> O <sub>3</sub> , Fe <sub>2</sub> O <sub>3</sub> (t), MgO, CaO, Na <sub>2</sub> O, K <sub>2</sub> O, TiO <sub>2</sub> , MnO, P <sub>2</sub> O <sub>5</sub> , L.O.I., B., Cu, Zn, [S], [Mo]	70g
GBW(E)070043	Agricultural soil	SiO <sub>2</sub> , Al <sub>2</sub> O <sub>3</sub> , Fe <sub>2</sub> O <sub>3</sub> (t), MgO, CaO, Na <sub>2</sub> O, K <sub>2</sub> O, TiO <sub>2</sub> , MnO, P <sub>2</sub> O <sub>5</sub> , L.O.I., B, Cu, Mo, Zn, [S]	70g
GBW(E)070044	Agricultural soil	SiO <sub>2</sub> , Al <sub>2</sub> O <sub>3</sub> , Fe <sub>2</sub> O <sub>3</sub> (t), MgO, CaO, Na <sub>2</sub> O, K <sub>2</sub> O, TiO <sub>2</sub> , MnO, P <sub>2</sub> O <sub>5</sub> , L.O.I., B, Cu, Mo, Zn, [S]	70g
GBW(E)070045	Agricultural soil	SiO <sub>2</sub> , Al <sub>2</sub> O <sub>3</sub> , Fe <sub>2</sub> O <sub>3</sub> (t), MgO, K <sub>2</sub> O, TiO <sub>2</sub> , MnO, P <sub>2</sub> O <sub>5</sub> , L.O.I, B, Cu, Mo,	70g



Product Code	Product Name	Properties	Package
		Zn, [S], [CaO], [Na <sub>2</sub> O]	
GBW(E)070046	Agricultural soil	SiO <sub>2</sub> , Al <sub>2</sub> O <sub>3</sub> , Fe <sub>2</sub> O <sub>3</sub> (t), K <sub>2</sub> O, TiO <sub>2</sub> , MnO, P <sub>2</sub> O <sub>5</sub> , L.O.I., Cu, Mo, Zn, [MgO], [CaO], [Na <sub>2</sub> O], [S], [B]	70g
GBW(E)070064	Reference material for rock pyrolysis analysis		10g
GBW(E)070065	Reference material for rock pyrolysis analysis		10g
GBW(E)070066	Reference material for rock pyrolysis analysis		10g
GBW(E)080112	Mineral salts in water	K, Na, Ca, Mg, Cl <sup>-</sup> , SO <sub>4</sub> <sup>2-</sup>	3×20mL
GBW(E)080115	CN <sup>-</sup> in water (0.1mol/L NaOH)	~50µg/mL, U= 1 %	40mL
GBW(E)080116	Silver in water (1% nitric acid)	100µg/mL, U=0.8%	20mL
GBW(E)080117	Arsenic in water (1% nitric acid)	100µg/mL, U=0.8%	20mL
GBW(E)080118	Calcium in water (5% hydrochloric acid)	1000µg/mL, U=0.5%	80mL
GBW(E)080119	Cadmium in water (1% nitric acid)	100µg/mL, U=0.8%	20mL
GBW(E)080120	Cobalt in water (1% nitric acid)	100µg/mL, U=0.8%	20mL
GBW(E)080122	Copper in water (1% nitric acid)	100µg/mL, U=0.8%	20mL
GBW(E)080123	Iron in water (5% hydrochloric acid)	100µg/mL, U=0.8%	20mL
GBW(E)080124	Mercury in water (3% nitric acid)	100µg/mL, U=0.8%	20mL
GBW(E)080125	Potassium in water (1% hydrochloric acid)	1000µg/mL, U=0.5%	80mL
GBW(E)080126	Magnesium in water (5% hydrochloric acid)	1000µg/mL, U=0.5%	80mL
GBW(E)080127	Sodium in water (1% hydrochloric acid)	1000µg/mL, U=0.5%	80mL
GBW(E)080128	Nickel in water (1% nitric acid)	100µg/mL, U=0.8%	20mL
GBW(E)080129	Lead in water (1% nitric acid)	100µg/mL, U=0.8%	20mL
GBW(E)080130	Zinc in water (1% nitric acid)	100µg/mL, U=0.8%	20mL
GBW(E)080157	Manganese in water (1% nitric acid)	1000µg/mL, U=0.5%	20mL
GBW(E)080194	Cu, Zn, Pb, Cd, Fe, Mn, Ni, Cr in water	Cu, Zn, Pb, Cd, Fe, Mn, Ni, total Cr	25mL
GBW(E)080196	Cu, Zn, Pb, Cd in water	Cu, Zn, Pb, Cd	25mL

Product Code	Product Name	Properties	Package
GBW(E)080201	COD(Mn)	(4.17±0.08)mg/L	25mL
GBW(E)080203	BOD and COD(Cr)	BOD5: (69.54±0.96)mg/L; COD(Cr): (108.3±0.9)mg/L	25mL
GBW(E)080215	Selenium in water (1% hydrochloric acid)	100µg/mL, U=1%	80mL
GBW(E)080216	Vanadium in water (1% hydrochloric acid)	100µg/mL, U=1%	80mL
GBW(E)080217	Boron in water	100µg/mL, U=1%	80mL
GBW(E)080218	Molybdenum in water (1% hydrochloric acid)	100µg/mL, U=1%	80mL
GBW(E)080219	Aluminum in water (1% hydrochloric acid)	100µg/mL, U=1%	80mL
GBW(E)080220	Amino nitrogen in water	100mg/L, U=2% (calculated by N)	20mL
GBW(E)080223	N-NO <sub>2</sub> <sup>-</sup> in water	100mg/L, U=2% (calculated by N)	20mL
GBW(E)080224	Total rigidity of water	4500mg/L, U=1% (calculated by CaCO <sub>3</sub> )	20mL
GBW(E)080239	Trichloromethane in methanol	3.0mg/L, U=2%; 6.0mg/L, U=2%; 10.0mg/L, U=2%	2mL/3×2mL
GBW(E)080240	Carbon tetrachloride in methanol	0.30mg/L, U=2%; 0.60mg/L, U=2%; 1.00mg/L, U=2%	2mL/3×2mL
GBW(E)080241	Hydroxybenzene in water	1000mg/L, U=1.5% (calculated by phenol)	20mL
GBW(E)080242	Strontium in water (5% hydrochloric acid)	100µg/mL, U=1%	80mL
GBW(E)080243	Barium in water (5% hydrochloric acid)	100µg/mL, U=1%	80mL
GBW(E)080257	Cr(VI) in water	100µg/mL, U=0.8%	20mL
GBW(E)080259	Potassium in water (1% hydrochloric acid)	100µg/mL, U=1%	80mL
GBW(E)080260	Sodium in water (1% hydrochloric acid)	100µg/mL, U=1%	80mL
GBW(E)080261	Calcium in water (5% hydrochloric acid)	100µg/mL, U=1%	80mL
GBW(E)080262	Magnesium in water (5% hydrochloric acid)	100µg/mL, U=1%	80mL
GBW(E)080263	Manganese in water (1% nitric acid)	100µg/mL, U=1%	20mL
GBW(E)080264	NO <sub>3</sub> <sup>-</sup> in water	1000µg/mL, U=0.7%	20mL
GBW(E)080265	NO <sub>3</sub> <sup>-</sup> in water	100µg/mL, U=1%	20mL
GBW(E)080266	SO <sub>4</sub> <sup>2-</sup> in water	1000µg/mL, U=0.7%	20mL
GBW(E)080267	SO <sub>4</sub> <sup>2-</sup> in water	100µg/mL, U=1%	20mL

Product Code	Product Name	Properties	Package
GBW(E)080268	Chloride in water	1000µg/mL, U=0.7%	20mL
GBW(E)080269	Chloride in water	100µg/mL, U=1%	20mL
GBW(E)080270	Indium in water (1% hydrochloric acid)	100µg/mL, U=1%	20mL
GBW(E)080271	Bismuth in water (5% hydrochloric acid)	100µg/mL, U=1%	80mL
GBW(E)080272	Silicon dioxide in water	100mg/L, U=1%	80mL
GBW(E)080273	COD(Cr)	100mg/L, U=2%	20mL
GBW(E)080274	COD(Mn)	265mg/L, U=3%	20mL
GBW(E)080332a	Amino nitrogen in water	13.5mg/L, U=2%	20mL
GBW(E)080333a	Amino nitrogen in water	25.0mg/L, U=2%	20mL
GBW(E)080334a	Amino nitrogen in water	38.0mg/L, U=2%	20mL
GBW(E)080335a	Ca and Mg in water	Ca: 696.2mg/L, U=2%; Mg: 298.8mg/L, U=5%	20mL
GBW(E)080336a	Ca and Mg in water	Ca: 2060mg/L, U=2%; Mg: 77.25mg/L, U=5%	20mL
GBW(E)080337a	Ca and Mg in water	Ca: 2858mg/L, U=2%; Mg: 90.50mg/L, U=5%	20mL
GBW(E)080338a	Fluoride in water	12.8mg/L, U=2%	20mL
GBW(E)080339a	Fluoride in water	25.0mg/L, U=2%	20mL
GBW(E)080340a	Fluoride in water	39.5mg/L, U=2%	20mL
GBW(E)080345	Chroma solution	500 degree, U=1%	20mL
GBW(E)080390	As in simulated natural water	0.50mg/L, U=4%	20mL
GBW(E)080391	As in simulated natural water	4.0mg/L, U=2%	20mL
GBW(E)080392	Hg in simulated natural water	0.001g/L, U=5%	20mL
GBW(E)080393	Hg in simulated natural water	0.01g/L, U=4%	20mL
GBW(E)080394	Se in simulated natural water	0.01g/L, U=4%	20mL
GBW(E)080395	Se in simulated natural water	1.00mg/L, U=3%	20mL
GBW(E)080396	Cu in simulated natural water	1.00mg/L, U=3%	20mL
GBW(E)080397	Cu in simulated natural water	1.00mg/L, U=3%	20mL

Product Code	Product Name	Properties	Package
GBW(E)080398	Pb in simulated natural water	0.50mg/L, U=4%	20mL
GBW(E)080399	Pb in simulated natural water	5.0mg/L, U=2%	20mL
GBW(E)080400	Zn in simulated natural water	5.0mg/L, U=2%	20mL
GBW(E)080401	Cd in simulated natural water	0.01g/L, U=4%	20mL
GBW(E)080402	Cd in simulated natural water	1.00mg/L, U=2%	20mL
GBW(E)080403	Cr in simulated natural water	0.50mg/L, U=4%	20mL
GBW(E)080404	Cr in simulated natural water	5.0mg/L, U=2%	20mL
GBW(E)080405	Ni in simulated natural water	5.0mg/L, U=2%	20mL
GBW(E)080406	Mn in simulated natural water	5.0mg/L, U=2%	20mL
GBW(E)080407	Fe in simulated natural water	10.0mg/L, U=2%	20mL
GBW(E)080408	Na in simulated natural water	50mg/L, U=2%	20mL
GBW(E)080409	K in simulated natural water	50mg/L, U=2%	20mL
GBW(E)080410	Mg in simulated natural water	40.0mg/L, U=2%	20mL
GBW(E)080411	Ca in simulated natural water	200mg/L, U=1%	20mL
GBW(E)080412	SO4 <sup>2-</sup> in simulated natural water	500mg/L, U=2%	20mL
GBW(E)080413	Cl <sup>-</sup> in simulated natural water	200mg/L, U=1%	20mL
GBW(E)080414	F <sup>-</sup> in simulated natural water	10.0mg/L, U=3%	20mL
GBW(E)080415	P in simulated natural water	2.00mg/L, U=3%	20mL
GBW(E)080416	NO <sub>3</sub> -N in simulated natural water	5.0mg/L, U=4%	20mL
GBW(E)080417	NO <sub>3</sub> -N in simulated natural water	20.0mg/L, U=3%	20mL
GBW(E)080418	NO <sub>2</sub> -N in simulated natural water	1.50mg/L, U=4%	20mL
GBW(E)080419	NO <sub>2</sub> -N in simulated natural water	10.0mg/L, U=3%	20mL
GBW(E)080420	NH <sub>3</sub> -N in simulated natural water	2.00mg/L, U=4%	20mL
GBW(E)080421	NH <sub>3</sub> -N in simulated natural water	20.0mg/L, U=3%	20mL
GBW(E)080422	Phenol in simulated natural water	0.50mg/L, U=4%	20mL



Product Code	Product Name	Properties	Package
GBW(E)080423	Phenol in simulated natural water	2.25mg/L, U=3%	20mL
GBW(E)080424	COD(Cr) in simulated natural water	200mg/L, U=5%	20mL
GBW(E)080425	COD(Cr) in simulated natural water	1007mg/L, U=3%	20mL
GBW(E)080426	COD(Cr) in simulated natural water	2010mg/L, U=3%	20mL
GBW(E)080427	COD(Mn) in simulated natural water	31mg/L, U=5%	20mL
GBW(E)080428	COD(Mn) in simulated natural water	80.5mg/L, U=4%	20mL
GBW(E)080429	Water hardness of simulated natural water	Calculated by CaCO <sub>3</sub> : 300mg/L, U=1.5%	20mL
GBW(E)080430	Water hardness of simulated natural water	Calculated by CaCO <sub>3</sub> : 1000mg/L, U=1%	20mL
GBW(E)080431	Phosphorus solution	1000µg/mL, U=0.5%	20mL
GBW(E)080435	Dihydrogen phosphate solution	1000mg/L, U=1.3%	20mL
GBW(E)080457	Sodium hyposulfite for volumetric analysis	0.1009mol/L, U=0.0002mol/L	20mL
GBW(E)080458	Potassium permanganate for volumetric analysis	0.1011mol/L, U=0.0002mol/L	20mL
GBW(E)080459	Ethylenediamine tetra-acetic acid disodium salt for volumetric analysis	0.05000mol/L, U=0.00005mol/L	20mL
GBW(E)080460	Zinc oxide for volumetric analysis	0.1000mol/L, U=0.0002mol/L	20mL
GBW(E)080461	Sodium chloride for volumetric analysis	0.1000mol/L, U=0.0002mol/L	20mL
GBW(E)080462	Silver nitrate for volumetric analysis	0.1006mol/L, U=0.0002mol/L	20mL
GBW(E)080463	Hydrochloric acid for volumetric analysis	0.1017mol/L, U=0.0001mol/L	20mL
GBW(E)080465	1,1-Dichloroethene in methanol	1mg/mL, U=3%	2mL
GBW(E)080466	1,1,1-Trichloroethane in methanol	1mg/mL, U=3%	2mL
GBW(E)080467	1,1,2-Trichloroethane in methanol	1mg/mL, U=3%	2mL
GBW(E)080468	1,1,2,2-Tetrachloroethane in methanol	1mg/mL, U=3%	2mL
GBW(E)080469	Bromoform in methanol	1mg/mL, U=3%	2mL
GBW(E)080470	Phenol in methanol	1.00mg/mL, U=3%	2mL
GBW(E)080471	m-methylphenol in methanol	1.00mg/mL, U=3%	2mL



Product Code	Product Name	Properties	Package
GBW(E)080472	2,4-Dichlorophenol in methanol	1.00mg/mL, U=3%	2mL
GBW(E)080473	2,4,6-Trichlorophenol in methanol	1.00mg/mL, U=3%	2mL
GBW(E)080474	4-Nitrophenol in methanol	1.00mg/mL, U=3%	2mL
GBW(E)080475	Pentachlorophenol in methanol	1.00mg/mL, U=4%	2mL
GBW(E)080476	Benzo(a)pyrene in methanol	10~100µg/mL, U=4%	2mL
GBW(E)080477	Fluoranthene in methanol	10~100µg/mL, U=4%	2mL
GBW(E)080478	Benzo(b)fluoranthene in methanol	10~100µg/mL, U=5%	2mL
GBW(E)080479	Benzo(ghi)pyrene in methanol	10~100µg/mL, U=5%	2mL
GBW(E)080480	Benzo(k)fluoranthene in methanol	10~100µg/mL, U=6%	2mL
GBW(E)080481	Indeno(1,2,3-cd)pyrene in methanol	10~100µg/mL, U=4%	2mL
GBW(E)080482	Parathion-methyl in methanol	1.00mg/mL, U=4%	2mL
GBW(E)080483	Dichlorvos(DDVP)in methanol	1.00mg/mL, U=4%	2mL
GBW(E)080484	Trichlorfon in methanol	1.00mg/mL, U=4%	1mL
GBW(E)080485	Parathion in methanol	1.00mg/mL, U=4%	2mL
GBW(E)080486	Dimethoate in methanol	1.00mg/mL, U=4%	2mL
GBW(E)080545	Antimony in water (20% hydrochloric acid)	100µg/mL, U=1%	80mL
GBW(E)080546	Tin in water (20% hydrochloric acid)	101µg/mL, U=1%	80mL
GBW(E)080547	Lithium in water (20% hydrochloric acid)	100µg/mL, U=1%	80mL
GBW(E)080548	Tellurium in water (10% hydrochloric acid)	100µg/mL, U=1%	80mL
GBW(E)080549	Fluoride in water	1000mg/L, U=1%	20mL
GBW(E)080550	BOD5	1000mg/L, U=5%	20mL
GBW(E)080551	BOD5	3000mg/L, U=4%	20mL
GBW(E)080647	Methanol in alcohol/water (50%/50%)	1.00mg/mL, U=3%	2mL
GBW(E)080648	Isobutanol and isopentanol in alcohol/water (50%/50%)	1.00mg/mL, U=3%	2mL



Product Code	Product Name	Properties	Package
GBW(E)080649	Methanol, isobutanol and isopentanol in alcohol/water (50%/50%)	1.00mg/mL, U=3%	2mL
GBW(E)080650	Organic carbon (TOC) in water	1000mg/L, U=2%	20mL
GBW(E)080651	Inorganic carbon (IC) in water	1000mg/L, U=2%	20mL
GBW(E)080683	Iodine for volumetric analysis	0.0500mol/L(1/2I <sub>2</sub> ), U=0.0002mol/L	20mL
GBW(E)080684	Rice flour	As, Ca, Cd, Cu, Fe, K, Pb, Mg, Mn, Na, Se, Zn, [N], [P]	30g
GBW(E)080969	Sodium carbonate for volumetric analysis	0.1mol/L, U=3%	90mL
GBW(E)080970	Total dissolved solid	20g/L, U=1%	20mL
GBW(E)080971	Trimethyllead in water	(91.1±5.4)µg/mL	20mL
GBW(E)080972	Trimethyllead in water	(0.729±0.054)µg/mL	20mL
GBW(E)081019	Total nitrogen in water	500mg/L, U=1%	20mL
GBW(E)081047	Nitrobenzene in methanol	1mg/mL, U=2%	2mL
GBW(E)081048	p-Nitrotoluene in methanol	1mg/mL, U=2%	2mL
GBW(E)081049	p-Nitrochlorobenzene in methanol	1mg/mL, U=2%	2mL
GBW(E)081050	2,4-Dinitrotoluene in methanol	1mg/mL, U=2%	2mL
GBW(E)081051	2,4-Dinitrochlorobenzene in methanol	1mg/mL, U=2%	2mL
GBW(E)081052	2,4,6-Trinitrotoluene in methanol	1mg/mL, U=2%	2mL
GBW(E)081053	6 nitrobenzene compounds in methanol	0.1mg/mL, U=10%	2mL
GBW(E)081054	Dichloromethane in methanol	1mg/mL, U=3%	2mL
GBW(E)081055	1,1-Dichloroethane in methanol	1mg/mL, U=3%	2mL
GBW(E)081056	1,2-Dichloroethane in methanol	1mg/mL, U=3%	2mL
GBW(E)081057	Bromodichloromethane in methanol	1mg/mL, U=3%	2mL
GBW(E)081058	Chlorodibromomethane in methanol	1mg/mL, U=3%	2mL
GBW(E)081059	Trichloroethylene in methanol	1mg/mL, U=3%	2mL
GBW(E)081060	Tetrachloroethylene in methanol	1mg/mL, U=3%	2mL

Product Code	Product Name	Properties	Package
GBW(E)081061	trans-1,2-Dichloroethylene in methanol	1mg/mL, U=3%	2mL
GBW(E)081062	cis-1,2-Dichloroethylene in methanol	1mg/mL, U=3%	2mL
GBW(E)081063	Chlorinated hydrocarbons	0.1mg/mL, U=5%	2mL
GBW(E)081084	Parathion-methyl in methanol	992.6mg/L, U=1.7%	1.5mL
GBW(E)081085	Parathion in methanol	999.0mg/L, U=1.3%	1.5mL
GBW(E)081086	Methamidophos in methanol	998.0mg/L, U=4.8%	1.5mL
GBW(E)081087	2,4-D in methanol	990.2mg/L, U=3.3%	1.5mL
GBW(E)081088	Dichloromethane in methanol	1818.2mg/L, U=2.8%	2mL
GBW(E)081089	1,1,1-Trichloroethane in methanol	397.2mg/L, U=6.6%	2mL
GBW(E)081090	1,1,2-Trichloroethane in methanol	2289.4mg/L, U=2.3%	1.5mL
GBW(E)081091	Chlorobenzene in methanol	1286.7mg/L, U=2.0%	1.5mL
GBW(E)081092	1,2-Dichlorobenzene in methanol	1301.3mg/L, U=4.6%	1.5mL
GBW(E)081093	1,4-Dichlorobenzene in methanol	497.5mg/L, U=3.2%	1.5mL
GBW(E)081094	1,2,3-Trichlorobenzene in methanol	681.8mg/L, U=4.2%	2mL
GBW(E)081095	1,2,4-Trichlorobenzene in methanol	1159.8mg/L, U=6.3%	2mL
GBW(E)081096	1,2,5-Trichlorobenzene in methanol	491.5mg/L, U=1.8%	2mL
GBW(E)081097	Di(2-ethylhexyl)phthalate (DEHP) in acetone	992.0mg/L, U=1.2%	1.5mL
GBW(E)081098	3-Chloro-1,2-epoxypropane (epichlorohydrin) in dichloromethane	997.8mg/L, U=0.8%	2mL
GBW(E)081099	Microcystin-LR in methanol	9.41mg/L, U=2.1%	2mL
GBW(E)081100	Atrazine in methanol	999.1mg/L, U=2.7%	1.5mL
GBW(E)081101	Malathion in methanol	496.4mg/L, U=3.0%	2mL
GBW(E)081102	1,1,2,2-Tetrachloroethane in methanol	483.6mg/L, U=2.6%	2mL
GBW(E)081103	2,3-DBPA in ethylacetate	991.0mg/L, U=2.3%	1.5mL
GBW(E)081104	Hexachlorobutadiene in methanol	502.9mg/L, U=2.4%	2mL

Product Code	Product Name	Properties	Package
GBW(E)081105	Phenol in methanol	490.1mg/L, U=2.1%	2mL
GBW(E)081106	4-Nitrophenol in methanol	483.9mg/L, U=1.8%	2mL
GBW(E)081107	Trichlorfon in methanol	999.0mg/L, U=3.5%	1.5mL
GBW(E)081108	Alachlor in methanol	549.2mg/L, U=4.9%	2mL
GBW(E)081109	Dichlorvos (DDVP) in n-hexane	246.3mg/L, U=5.8%	2mL
GBW(E)081110	Hexachlorobenzene in n-hexane (low concentration)	0.05mg/mL, U=5%	1.5mL
GBW(E)081110-1	Hexachlorobenzene in n-hexane (high concentration)	0.08mg/mL, U=5%	1.5mL
GBW(E)081121	Pb, Hg, Cr, Cd in PP for XRF Analysis (with blank and 3 level concentrations)	Cd9.2mg/kg, U=0.5mg/kg; Cr99mg/kg, U=4mg/kg; Hg92mg/kg, U=5mg/kg; Pb9.8mg/kg, U=5mg/kg	40mm(d)× 4mm, set(4)
GBW(E)081122		Cd36.8mg/kg, U=1.8mg/kg; Cr251mg/kg, U=12mg/kg; Hg370mg/kg, U=18mg/kg; Pb453mg/kg, U=24mg/kg	
GBW(E)081123		Cd92mg/kg, U=4mg/kg; Cr983mg/kg, U=43mg/kg; Hg907mg/kg, U=39mg/kg; Pb961mg/kg, U=41mg/kg	
GBW(E)081124	Industrial penta-BDE in iso-octane	Total concentration: 50µg/mL, U=6%	1.2mL
GBW(E)081125	Industrial octa-BDE in in iso-octane	Total concentration: 50µg/mL, U=6%	1.2mL
GBW(E)081141	Chlorpyrifos in methanol	1.00mg/mL, U=0.01mg/mL	1mL
GBW(E)081142	Monocrotophos in methanol	1.00mg/mL, U=0.01mg/mL	1mL
GBW(E)081143	Acephate in methanol	1.00mg/mL, U=0.01mg/mL	1mL
GBW(E)081144	Fenamiphos in methanol	1.00mg/mL, U=0.01mg/mL	1mL
GBW(E)081145	Sulfadimidine in methanol	1.00mg/mL, U=0.01mg/mL	1mL
GBW(E)081146	Sulfadiazine	1.00mg/mL, U=0.01mg/mL	1mL
GBW(E)081147	Sulfamerazine in methanol	1.00mg/mL, U=0.01mg/mL	1mL
GBW(E)081148	Sulfapyridine in methanol	1.00mg/mL, U=0.01mg/mL	1mL

Product Code	Product Name	Properties	Package
GBW(E)081154 ~081156	TVOC solution reference material	1mg/mL, U=5.0%; 0.1mg/mL, U=5.0%; 0.01mg/mL, U=5.0%	4×2mL
GBW(E)081410	Ethion in acetone	(10-100)µg/mL, U=(3-2)%	1mL
GBW(E)081411	Fenthion in acetone	(10-100)µg/mL, U=(6-4)%	1mL
GBW(E)081412	Phoxim in petroleum ether	(10-100)µg/mL, U=(6-4)%	1mL
GBW(E)081413	Quinalphos in acetone	(10-100)µg/mL, U=(5-5)%	1mL
GBW(E)081414	Monocrotophos in acetone	(10-100)µg/mL, U=(6-4)%	1mL
GBW(E)081415	Phorate in acetone	(10-100)µg/mL, U=(5-4)%	1mL
GBW(E)081416	Disulfoton in acetone	(10-100)µg/mL, U=(7-3)%	1mL
GBW(E)081417	Methamidophos in acetone	(10-100)µg/mL, U=(6-4)%	1mL
GBW(E)081418	Acephate in acetone	(10-100)µg/mL, U=(6-5)%	1mL
GBW(E)081419	Parathion in acetone	(10-100)µg/mL, U=(6-4)%	1mL
GBW(E)081420	Parathion-methyl in acetone	(10-100)µg/mL, U=(4-2)%	1mL
GBW(E)081421	Bromophos in acetone	(10-100)µg/mL, U=(4-3)%	1mL
GBW(E)081422	Fenamiphos in ethyl acetate	(10-100)µg/mL, U=(4-3)%	1mL
GBW(E)081423	Ronnel in acetone	(10-100)µg/mL, U=(6-2)%	1mL
GBW(E)081424	Sulfotep in acetone	(10-100)µg/mL, U=(6-3)%	1mL
GBW(E)081425	Mevinphos in acetone	(10-100)µg/mL, U=(6-4)%	1mL
GBW(E)081426	Demeton in acetone	(10-100)µg/mL, U=(6-4)%	1mL
GBW(E)081427	Demeton-s-methyl in acetone	(10-100)µg/mL, U=(5-4)%	1mL
GBW(E)081428	Dimethoate in acetone	(10-100)µg/mL, U=(5-3)%	1mL
GBW(E)081429	Omethoate in acetone	(10-100)µg/mL, U=(6-5)%	1mL
GBW(E)081517 BW3707	12PCBs solution in isooctane	PCB77, PCB81, PCB105, PCB114, PCB118, PCB123, PCB126, PCB156, PCB157, PCB167, PCB169, PCB189: (190-210)µg/kg, U<6%	1.2mL
GBW(E)081521	7OCPs solution in isooctane	hexachlorobenzene, heptachlor, aldrin, heptachlor-endo-epoxide, dieldrin,	1mL



Product Code	Product Name	Properties	Package
BW3701		endrin, mirex: (200-500)µg/kg, U<5%	
GBW(E)081522 BW3705	5OCPs solution in isooctane	heptachlor, cis-chlordane, trans-chlordane, cis-nonachlor, trans-nonachlor: (290-300)µg/kg, U<5%	1mL
GBW(E)081523 BW3702	15OCPs solution in isooctane	hexachlorobenzene, heptachlor, aldrin, heptachlor-endo-epoxide, dieldrin, endrin, mirex, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, p,p'-DDT, o,p-DDT, p,p'-DDE, p,p'-DDD: (290-300)µg/kg, U<5%	1mL
GBW(E)081524	Ethylmercury in methanol	(65.8±2.4)µg/g (calculated by Hg)	2.0mL
GBW(E)081531	Multi-elemental standard solution for 16 elements	Cd, Zn, Cu, Ni, Ba, Cr, Mn, Fe, Mg, As50µg/mL; Pb, Se, Al, Ca, K, Na100µg/mL	50mL
GBW(E)081532	Multi-elemental standard solution for 16 elements	Cd, Zn, Cu, Ni, Ba, Cr, Mn, Fe, Mg, As0.5µg/mL; Pb, Se, Al, Ca, K, Na1.0µg/mL	50mL
GBW(E)081533	Multi-elemental standard solution for 16 elements	Cd, Zn, Cu, Ni, Ba, Cr, Mn, Fe, Mg, As1.0µg/mL; Pb, Se, Al, Ca, K, Na2.0µg/mL	50mL
GBW(E)081534	Multi-elemental standard solution for 16 elements	Cd, Zn, Cu, Ni, Ba, Cr, Mn, Fe, Mg, As2.5µg/mL; Pb, Se, Al, Ca, K, Na5.0µg/mL	50mL
GBW(E)081535	Multi-elemental standard solution for 16 elements	Cd, Zn, Cu, Ni, Ba, Cr, Mn, Fe, Mg, As5.0µg/mL; Pb, Se, Al, Ca, K, Na10.0µg/mL	50mL
GBW(E)081536	Multi-elemental solution for analyzing of toys	Cu, Zn, Cd, Pb, Cr, Se, Sb, Ni, Ba, As100µg/mL; U=3%	50mL
GBW(E)081537	Multi-elemental solution for analyzing of toys	Cu, Zn, Cd, Pb, Cr, Se, Sb, Ni, Ba, As2.0µg/mL, U=3%	50mL
GBW(E)081567	Isoprothiolane in hexane	(10-100)µg/mL, U=2%	1mL
GBW(E)081634 ~081638	Cd, Cr, Hg, Pb, Br in ABS for XRF analysis	Cd0~100mg/kg; Cr0~1000mg/kg; Hg0~1000mg/kg; Pb0~1000mg/kg; Br0~1000mg/kg	40mm(d)× 4mm, set(6)
GBW(E)081639	Anion detergent in water	1000mg/L, U=2.0%	20mL
GBW(E)081759	Parathion-methyl in methanol	100.1mg/L, U=2%	1mL
GBW(E)081871	Multi-elemental solution for analyzing of food	Pb: (0.1-10)mg/L, U=1%-2%; As: (0.02-2)mg/L, U=1%-4%; Cd:	7×70mL



Product Code	Product Name	Properties	Package
~081876	packaging materials	(0.01-4)mg/L, U=1%-3%; Sb: (0.02-2)mg/L, U=1%-6%; Ni: (0.5-5)mg/L, U=1%-2%; Cr: (0.01-2)mg/L, U=1%-9%	
GBW(E)081877 ~081879	Zinc in 4%HAC for analyzing of food packaging materials	(1-3)mg/L, U=1%-2%	4×70mL
GBW(E)081914	Hexachlorobenzene in n-hexane	100µg/mL, U=2%	1mL
GBW(E)090004	Hemiglobincyanide (HiCN)	(450~750)mg/L, U=1.5%	10mL
GBW(E)090005	K, Na in water	K: (1.00±0.03)mmol/L; Na: (10.00±0.19)mmol/L	100mL
GBW(E)090006	Bovine serum	Ca, Cu, Fe, K, Mg, Zn, Na, P, Se, Sr, Mo, Pb, Mn, Cr	2g
GBW(E)090007	Zinc protoporphyrin (ZPP) in red blood cells	(1.3±0.5)µg/mL	1mL
GBW(E)090008	Zinc protoporphyrin (ZPP) in red blood cells	(6.2±0.5)µg/mL	1mL
GBW(E)090009	Zinc protoporphyrin (ZPP) in red blood cells	(11.6±1.2)µg/mL	1mL
GBW(E)090010	Hemiglobincyanide (HiCN)	(500~650)mg/L, U=0.8%	10mL
GBW(E)090011	<b>Purified hemoglobin</b>	(150~170)mg/L, U=1.5%	2mL
GBW(E)090015a	Aflatoxin B1 standard solution	(1.02±0.022)µg/mL	2mL
GBW(E)090027	Lead in powder cosmetic	16.1mg/kg, U=0.022%	10g
GBW(E)090028	Lead in cream cosmetic	31.0mg/kg, U=0.024%	10g
GBW(E)090030	Methanol in lotion cosmetic	0.103%, U=0.008%	10mL
GBW(E)090057	Rutin	99.79%, U=0.30%	10mg
GBW(E)090058	Gardenoside	99.82%, U= 0.10%	10mg
GBW(E)090059	Ephedrine hydrochloride	99.8%, U=0.8%	30mg
GBW(E)090092	Purity of emodin	98.6%, U= 0.6%	50mg
GBW(E)090096	Parabens in cosmetic	Methyl paraben: 1945.8mg/kg, U=4.4%; propyl paraben: 995.8mg/kg, U=4.8%; ethyl paraben: 980.1mg/kg, U=7.2%; butyl paraben: 1013.8mg/kg, U=6.6%	2×15g
GBW(E)100001a	Food pigment-tartrazine in water	0.50mg/mL, U=1%	10mL





Product Code	Product Name	Properties	Package
GBW(E)100002a	Food pigment-amaranth in water	0.50mg/mL, U=1%	10mL
GBW(E)100003a	Food pigment-sunset yellow in water	0.50mg/mL, U=1%	10mL
GBW(E)100004a	Food pigment-ponceau 4R in water	0.50mg/mL, U=1%	10mL
GBW(E)100005a	Food pigment-brilliant blue in water	0.50mg/mL, U=1%	10mL
GBW(E)100006	Food preservative-benzoic acid in water	1.00mg/mL, U=1%	10mL
GBW(E)100007	Food preservative-sorbic acid in water	1.00mg/mL, U=1%	10mL
GBW(E)100008	Food sweetener-sodium saccharin in water	1.00mg/mL, U=1%	10mL
GBW(E)100009	Nutritious compositions in rice flour	protein: (7.41±0.40)%; starch: (81.0±2.9)%; total amino acid: (7.03±0.37)%; aspartic acid: (0.62±0.03)%	10g
GBW(E)100010	Nutritious compositions in wheat flour	isoleucine: (0.39±0.04)%; leucine: (0.75±0.04)%; tyrosine: (0.32±0.03)%; phenylalanine: (0.53±0.05)%; lysine: (0.29±0.03)%; histidine: (0.23±0.02)%; arginine: (0.50±0.04)%; threonine: (0.31±0.02)%; serine: (0.50±0.03)%; glutamic acid: (3.33±0.14)%; praline: (1.00±0.10)%; glycine: (0.41±0.03)%; alanine: (0.51±0.03)%; methionine: (0.17±0.03)%; valine: (0.51±0.03)%; fat: (1.16±0.19)%	10g
GBW(E)100012 ~100013	Reference materials for the chromatographic analysis of alcohol	isoamyl ester, ethyl actate, ethyl hexylat, isobutyl alcohol, butyl acetate, methanol, ethyl acetate, n-butanol, n-propyl alcohol, ethyl butyrate, sec-butanol	5mL+2mL
GBW(E)100014	Food pigment-tartrazine	1.02mg/mL, U=2%	3mL
GBW(E)100015	Food pigment-sunset yellow	1.01mg/mL, U=2%	3mL
GBW(E)100016	Food pigment-amaranth	1.02mg/mL, U=2%	3mL
GBW(E)100017	Food pigment-ponceau 4R	1.02mg/mL, U=2%	3mL
GBW(E)100018	Food pigment-brilliant blue	1.02mg/mL, U=2%	3mL
GBW(E)100019	Food pigment-tetraiodofluorescein sodium salt	1.01mg/mL, U=2%	3mL
GBW(E)100020	Food pigment-allura red AC	0.983mg/mL, U=2%	3mL





Product Code	Product Name	Properties	Package
GBW(E)100021	Food preservative-benzoic acid in water	0.994mg/mL, U=2%	10mL
GBW(E)100022	Food preservative-sorbic acid in water	1.03mg/mL, U=3%	10mL
GBW(E)100023	Food sweetener-sodium saccharin in water	1.02mg/mL, U=2%	10mL
GBW(E)100024	Food sweetener-sodium saccharin in water	0.100mg/mL, U=2%	5mL
GBW(E)100025	Food preservatives-benzoic acid and sorbic acid in water	benzoic acid: 0.0999mg/mL, U=2%; sorbic acid: 0.102mg/mL, U=2%	5mL
GBW(E)100026	Food preservatives-benzoic acid and sorbic acid, food sweetener-sodium saccharin in water	benzoic acid: 0.0999mg/mL, U=2%; sorbic acid: 0.102mg/mL, U=2%; sodium saccharin: 0.102mg/mL, U=2%	5mL
GBW(E)100027	Food sweetener-sodium cyclamate in water	10.0mg/mL, U=2%	5mL
GBW(E)100028	<b>Caffeine solution</b>	0.499mg/mL, U=2%	5mL
GBW(E)100029	<b>Gossypol solution</b>	48.2mg/mL, U=4%	5mL
GBW(E)100030	<b>Methanol solution</b>	0.483mg/mL, U=4%	5mL
GBW(E)100033	Sodium nitrite solution (calculated by NaNO <sub>2</sub> )	5.02µg/mL, U=1%	10mL
GBW(E)100034	Sodium nitrate solution (calculated by NaNO <sub>2</sub> )	4.44µg/mL, U=1%	10mL
GBW(E)100035	Sodium nitrite solution (calculated by NaNO <sub>2</sub> )	4.95µg/mL, U=2%	10mL
GBW(E)100036	Sodium nitrite solution (calculated by NO <sub>2</sub> -)	9.90µg/mL, U=2%	10mL
GBW(E)100037	Melatonin	99.8%, U=0.3%	50mg
GBW(E)100038	Genistein	99.8%, U=0.3%	10mg
GBW(E)100039	Daidzein	99.4%, U=0.3%	10mg
GBW(E)100040	K, Na, Ca, Fe mixed solution (in 3% HCl)	K, Na, Ca, Fe: 50.0mg/L, U=1%	50mL
GBW(E)100041	K, Na, Ca, Fe, Mg, Mn, Cu, Zn mixed solution (in 3% HCl)	K, Na, Ca, Fe, Cu: 50.0mg/L, U=1%; mg: 5.00mg/L, U=1%; Mn: 25.0mg/L, U=1%; Zn: 20.0mg/L, U=1%	50mL
GBW(E)100046	Food preservatives-benzoic acid and sorbic acid, food sweetener-sodium saccharin in orange juice	benzoic acid: (0.102±0.002)mg/kg; sorbic acid: (0.118±0.002)mg/kg; sodium saccharin: (0.108±0.002)mg/kg	100mL
GBW(E)100047	Daidzein	99.13%, U=0.16%	10mg



Product Code	Product Name	Properties	Package
GBW(E)100048	Glycitein	99.55%, U=0.10%	2mg
GBW(E)100049	Genistein	99.42%, U=0.10%	10mg
GBW(E)100050	Threonine	99.2%, U=1.5%	0.2g
GBW(E)100051	Serine	99.6%, U=1.5%	0.2g
GBW(E)100052	Glutamic acid	98.2%, U=1.5%	0.2g
GBW(E)100053	Glycine	98.8%, U=1.5%	0.2g
GBW(E)100054	Alanine	99.4%, U=1.5%	0.2g
GBW(E)100055	Valine	99.4%, U=1.6%	0.2g
GBW(E)100056	Methionine	98.6%, U=1.5%	0.2g
GBW(E)100057	Isoleucine	99.4%, U=1.5%	0.2g
GBW(E)100058	Leucine	99.5%, U=1.5%	0.2g
GBW(E)100059	Tyrosine	99.4%, U=1.5%	0.2g
GBW(E)100060	Lysine hydrochloride	99.2%, U=1.6%	0.2g
GBW(E)100061	Phenylalanine	99.9%, U=1.5%	0.2g
GBW(E)100062	17 amino acid mixture in 0.1mol/L HCl	1~3mmol/L, U<0.1mmol/L	1mL
GBW(E)100063	Caffeine	99.8%, U=0.2%	0.1g
GBW(E)100064	Ethyl p-hydroxybenzoate	99.7%, U=0.2%	0.1g
GBW(E)100066	Food sweetener-sodium cyclamate	99.3%, U=0.8%	0.2g
GBW(E)100067	Purity of cytidine-5-monophosphate	99.3%, U=0.6%	100mg
GBW(E)100068	Purity of guanosine-5-monophosphoric acid disodium salt	99.1%, U=0.4%	100mg
GBW(E)100069	Purity of uridine-5'-phosphoric acid disodium salt	99.4%, U=0.4%	100mg
GBW(E)100070	Purity of adenosine	99.8%, U=0.3%	100mg
GBW(E)100071	Purity of uridine	99.4%, U=0.4%	100mg
GBW(E)100074	Methyl p-hydroxybenzoate	99.8%, U=0.2%	0.2g

Product Code	Product Name	Properties	Package
GBW(E)100075	Propyl p-hydroxybenzoate	99.2%, U=0.2%	0.2g
GBW(E)100076	Isopropyl p-hydroxybenzoate	99.7%, U=0.2%	0.2g
GBW(E)100077	Butyl p-hydroxybenzoate	99.7%, U=0.2%	0.2g
GBW(E)100078	Calcium propionate	99.7%, U=0.6%	0.1g
GBW(E)100079	Sodium propionate	99.7%, U=0.7%	0.1g
GBW(E)100080	Aspartic acid	99.1%, U=1.6%	0.2g
GBW(E)100081	Cystine	98.3%, U=2.1%	0.2g
GBW(E)100082	Histidine	99.5%, U=2.5%	0.2g
GBW(E)100083	Arginine	99.7%, U=2.0%	0.2g
GBW(E)100084	Proline	99.0%, U=1.5%	0.2g
GBW(E)100085	Metandienone in methanol	0.99mg/mL, U=0.02mg/mL	1mL
GBW(E)100086	Methyltestosterone in methanol	1.00mg/mL, U=0.02mg/mL	1mL
GBW(E)100087	Testosterone propionate in methanol	1.00mg/mL, U=0.02mg/mL	1mL
GBW(E)100088	Nandrolone in methanol	1.00mg/mL, U=0.02mg/mL	1mL
GBW(E)100089	Nandrolone 17-propionate in methanol	0.98mg/mL, U=0.02mg/mL	1mL
GBW(E)100090	Boldenone in methanol	0.110mg/mL, U=0.002mg/mL	1mL
GBW(E)100091	Trenbolone acetate in methanol	0.96mg/mL, U=0.03mg/mL	1mL
GBW(E)100092	Testosterone in methanol	1.00mg/mL, U=0.02mg/mL	1mL
GBW(E)100093	Dehydroandrosterone in methanol	1.00mg/mL, U=0.02mg/mL	1mL
GBW(E)100094	Progesterone in methanol	0.99mg/mL, U=0.02mg/mL	1mL
GBW(E)100094-1	Progesterone in methanol	10.0µg/mL, U=0.02µg/mL	1mL
GBW(E)100095	Clenbuterol-HCL in methanol	1.01mg/mL, U=0.02mg/mL	1mL
GBW(E)100096	Fenoterol hydrobromide in methanol	0.88mg/mL, U=0.02mg/mL	1mL
GBW(E)100097	Tulobuterol in methanol	0.89mg/mL, U=0.02mg/mL	1mL
GBW(E)100098	Pentubutolol sulfate in methanol	0.89mg/mL, U=0.02mg/mL	1mL

Product Code	Product Name	Properties	Package
GBW(E)100099	Salmeterol xinafoate in methanol	0.100mg/mL, U=0.002mg/mL	1mL
GBW(E)100100	Cimaterol in methanol	0.90mg/mL, U=0.02mg/mL	1mL
GBW(E)100101	Salbutamol in methanol	0.89mg/mL, U=0.02mg/mL	1mL
GBW(E)100102	Ractopamine hydrochloride in methanol	1.05mg/mL, U=0.02mg/mL	1mL
GBW(E)100103	3-Hydroxytyramine hydrochloride in methanol	0.98mg/mL, U=0.02mg/mL	1mL
GBW(E)100104	3-Methoxytyramine in methanol	0.99mg/mL, U=0.02mg/mL	1mL
GBW(E)100105	Terbutaline hemisulfate salt in methanol	1.00mg/mL, U=0.02mg/mL	1mL
GBW(E)100106	Clorprenaline hydrochloride in methanol	1.05mg/mL, U=0.02mg/mL	1mL
GBW(E)100107	(±)-Propranolol hydrochloride in methanol	1.22mg/mL, U=0.02mg/mL	1mL
GBW(E)100108	Prednisone in methanol	1.00mg/mL, U=0.02mg/mL	1mL
GBW(E)100109	Prednisolone in methanol	1.00mg/mL, U=0.02mg/mL	1mL
GBW(E)100110	Hexamethasone in methanol	0.99mg/mL, U=0.02mg/mL	1mL
GBW(E)100111	Betamethasone in methanol	1.00mg/mL, U=0.02mg/mL	1mL
GBW(E)100112	Fludrocortisone in methanol	1.02mg/mL, U=0.02mg/mL	1mL
GBW(E)100113	Methylprednisolone in methanol	0.97mg/mL, U=0.02mg/mL	1mL
GBW(E)100114	Beclomethasone in methanol	1.00mg/mL, U=0.02mg/mL	1mL
GBW(E)100115	Cortisone in methanol	1.01mg/mL, U=0.02mg/mL	1mL
GBW(E)100116	Hydrocortisone in methanol	1.00mg/mL, U=0.02mg/mL	1mL
GBW(E)100117	alpha-Zearalanol in acetonitrile	0.100mg/mL, U=0.003mg/mL	2mL
GBW(E)100118	(±)-Epinephrine	99.4%, U=0.6%	100mg
GBW(E)100119	Progesterone	99.2%, U=0.5%	100mg
GBW(E)100129	8 OCPs in spanish mackerel(fortified with organochlorine pesticide )	alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, pp'-DDE, pp'-DDD, pp'-DDT, op'-DDT, U<8%	5g
GBW(E)100130	6 PAHs in bass(fortified with polycyclic aromatic hydrocarbors)	benzo(b)fluoranthene, benzo(k)fluoranthene, benzo(ghi)perylene, benzo(a)pyrene, fluoranthene, indeno(1,2,3-cd)pyrene, U<19%	5g



Product Code	Product Name	Properties	Package
GBW(E)100131	20 PCBs in cod(fortified with Arochlor)	PCB18, PCB28, PCB33, PCB52, PCB44, PCB70, PCB101, PCB118, PCB105, PCB153, PCB138, PCB128, PCB187, PCB180, PCB170, PCB199, PCB195, PCB194, PCB206, PCB209, U<8%	5g
GBW(E)100137	Three benzene series in methanol	toluene: 1.330mg/mL, U=3%, ethyl benzene: 1.400mg/mL, U=3%, phenethylene: 1.430mg/mL, U=3%,	2mL
GBW(E)100138	Three benzene series in methanol	toluene: 0.029mg/mL, U=5%, ethyl benzene: 0.028mg/mL, U=5%, phenethylene: 0.027mg/mL, U=5%,	2mL
GBW(E)100139	Styrene in methanol	0.44mg/mL, U=2.6%	2mL
GBW(E)100144	Purity of 2'-deoxyadenosine-5'-monophosphate	98.72%, U=0.74%	20mg
GBW(E)100145	Purity of 2'-deoxycytidine 5'-monophosphate	99.64%, U=0.76%	20mg
GBW(E)100146	Purity of 2'-deoxyguanosine 5'-monophosphate	99.38%, U=0.96%	20mg
GBW(E)100147	Purity of 2'-deoxyguanosine 5'-monophosphate	99.50%, U=0.64%	20mg
GBW(E)100148	Purity of adenosine 3',5'-cyclic monophosphate	99.61%, U=0.62%	20mg
GBW(E)100149	GGYR(Gly-Gly-Tyr-Arg) molecular weight	451.2±0.6	5mg
GBW(E)100150	GGG(Glycyl-glycyl-glycine) molecular weight	189.1±0.6	5mg
GBW(E)100151	Bovine serum albumin molecular weight	66446±32	20mg
GBW(E)100152	Aprotinin molecular weight	6511±3	5mg
GBW(E)100153	Cytochrome C molecular weight	12355±16	5mg
GBW(E)100154	Purity of adenosine 3',5'-cyclic monophosphate	99.61%, U=0.13%	20mg
GBW(E)100156	Standard solution of NaNO <sub>2</sub>	200 μ g/mL, U=1%	10mL
GBW(E)100157	Standard solution of NaNO <sub>3</sub>	200 μ g/mL, U=1%	10mL
GBW(E)100158	Food dyestuff tartrazine in water	1.00mg/mL, U=1%	5mL
GBW(E)100159	Food dyestuff sunset yellow in water	1.00mg/mL, U=1%	5mL
GBW(E)100160	Food dyestuff amaranth in water	1.00mg/mL, U=1%	5mL
GBW(E)100161	Food dyestuff ponceau 4R in water	1.00mg/mL, U=1%	5mL



Product Code	Product Name	Properties	Package
GBW(E)100161	Food dyestuff brilliant blue in water	1.00mg/mL, U=1%	5mL
GBW(E)100163	Food dyestuff erythrosine in water	1.00mg/mL, U=1%	5mL
GBW(E)100164	Food dyestuff allura red in water	1.00mg/mL, U=1%	5mL
GBW(E)100165	Food dyestuff quinoline yellow in water	1.00mg/mL, U=1.5%	5mL
GBW(E)100166	Food sweetener-sodium saccharin in water	calculated by C <sub>6</sub> H <sub>4</sub> CONNaSO <sub>2</sub> .2H <sub>2</sub> O: 1.00mg/mL, U=1%	10mL
GBW(E)100167	Food preservative-benzoic acid in water	1.00mg/mL, U=1%	10mL
GBW(E)100168	Food preservative-sorbic acid in water	1.00mg/mL, U=1%	10mL
GBW(E)100169	Food preservative-benzoic acid and sorbic acid in water	benzoic acid, sorbic acid: 1.00mg/mL, U=1%	10mL
GBW(E)100170	Standard solution of benzoic acid and sorbic acid and sodium saccharin in water	benzoic acid, sorbic acid: 1.00mg/mL, U=1%; sodium saccharin (calculated by C <sub>6</sub> H <sub>4</sub> CONNaSO <sub>2</sub> .2H <sub>2</sub> O): 1.00mg/mL, U=1%	10mL
GBW(E)100171	Food sweetener-acesulfame K in water	1.00mg/mL, U=1%	5mL
GBW(E)100172	Food sweetener-acesulfame K and sodium saccharin in water	acesulfame K: 1.00mg/mL; sodium saccharin (calculated by C <sub>6</sub> H <sub>4</sub> CONNaSO <sub>2</sub> .2H <sub>2</sub> O): 1.00mg/mL, U=1%	5mL
GBW(E)100173	Food sweetener-sodium cyclamate in water	10.00mg/mL, U=1%	5mL
GBW(E)100174	Standard solution of caffeine in methanol	0.50mg/mL, U=1%	5mL
GBW(E)100175	Standard solution of melamine methanol/ water	1.00mg/mL, U=1%	5mL
GBW(E)100176	Standard solution of gossypol in acetone/ water	50µg/mL, U=2%	10mL
GBW(E)100177	Methanol solution	0.50mg/mL, U=2%	5mL
GBW(E)100181	Purity of disodium inosinate	99.75%, U=0.32%	20mg
GBW(E)100182	Purity of inosinate	99.78%, U=0.24%	20mg
GBW(E)100184	Purity of nicotinic acid (vitamin B3)	99.9%, U= 0.3%	50mg
GBW(E)100185	Purity of thiabendazole	99.9%, U=0.2%	0.2g
GBW(E)100186	Purity of 2-isopropylthioxanthone	99.8%, U=0.4%	0.2g
GBW(E)100187	Purity of n-nonyl 4-hydroxybenzoate	99.4%, U=0.7%	200mg



Product Code	Product Name	Properties	Package
GBW(E)100188	Purity of 1-phenylethanol	99.3%, U=0.3%	200mg
GBW(E)100189	Purity of iso-butyl 4-hydroxybenzoate	99.8%, U=0.2%	200mg
GBW(E)100190	Purity of theobromine	99.7%, U=0.4%	200mg
GBW(E)100191	Erythrosine in water	100µg/mL, U=2%	5mL
GBW(E)100192	Allure red in water	100µg/mL, U=2%	5mL
GBW(E)100193	Four paraben esters in acetonitrile	Methyl p-hydroxybenzoate: 100µg/mL, U=2%; Ethyl p-hydroxybenzoate: 100µg/mL, U=2%; Propyl p-hydroxybenzoate: 100µg/mL, U=2%; Butyl p-hydroxybenzoate: 100µg/mL, U=2%	2mL
GBW(E)100194	Rice powder certified reference material		30g
GBW(E)100195	Wheat powder certified reference material		30g
GBW(E)100196	Corn powder certified reference material		30g
GBW(E)100197	Bovine muscle powder certified reference material		25g
GBW(E)100198	Egg yolk powder certified reference material		25g
GBW(E)100199	Cushaw powder certified reference material		25g
GBW(E)100200	Bromate in water	1000µg/mL, U=0.6%	10mL
GBW(E)100201	Melatonin in ethanol	300µg/mL, U=1%	5mL
GBW(E)100202	Ge solution in H <sub>2</sub> O+H <sub>2</sub> SO <sub>4</sub>	1000µg/mL, U=1%	10mL
GBW(E)100203	As solution in H <sub>2</sub> SO <sub>4</sub>	1000µg/mL, U=0.3%	20mL
GBW(E)100204	Purity of bisphenol A	99.89%, U=0.06%	250mg
GBW(E)100205	Bisphenol A in methanol	999µg/mL, U=3%	1mL
GBW(E)100206	Purity of butylated hydroxytoluene (BHT)	99.7%, U=0.2%	0.2g
GBW(E)100207	Purity of butylated hydroxyanisole (BHA)	99.5%, U=1.0%	0.2g
GBW(E)100208	Purity of para red	99.5%, U=0.5%	0.1g
GBW(E)100209	Purity of vanillin methyl ether	99.7%, U=0.2%	0.2g
GBW(E)100210	Food sweetener-acesulfame potassium in water	(50-1000)mg/L, U=2.0%	4×10mL





Product Code	Product Name	Properties	Package
~100214			
GBW(E)100215 ~100219	Caffeine in water	(1.00~500) $\mu$ g/mL, U=(2~3)%	5x5mL
GBW(E)100220	Seven paraben esters mixed solution	100 $\mu$ g/mL, U=2.0%	2mL
GBW(E)100221	Dimethyl phthalate acid ester in methanol	230.0 $\mu$ g/mL, U=2.0%	2mL
GBW(E)100222	Diethyl phthalate acid ester in methanol	238.0 $\mu$ g/mL, U=2.0%	2mL
GBW(E)100223	Di(2-ethylhexyl) phthalate acid ester in methanol	186.0 $\mu$ g/mL, U=2.0%	2mL
GBW(E)100224	Dibutyl phthalate acid ester in methanol	195.0 $\mu$ g/mL, U=2.0%	2mL
GBW(E)100225	n-Dinonyl phthalate acid ester in methanol	136.0 $\mu$ g/mL, U=2.0%	2mL
GBW(E)100226	Butyl benzyl phthalate acid ester in methanol	165.0 $\mu$ g/mL, U=2.2%	2mL
GBW(E)100227	Vitamin B1, B2, B6, nicotinic acid and 10 inorganic elements in infant formula	Nicotinic acid, Vitamin B3: (39.8 $\pm$ 1.2)mg/kg; Vitamin B1: (6.60 $\pm$ 0.46)mg/kg; Vitamin B2: (20.2 $\pm$ 1.2)mg/kg; Vitamin B6: (4.71 $\pm$ 0.31)mg/kg; Ca: (4.37 $\pm$ 0.24)mg/g; Cu: (4.5 $\pm$ 0.2)mg/kg; Fe: (78.7 $\pm$ 3.06)mg/kg; K: (6.11 $\pm$ 0.12)mg/g; Mg: (849 $\pm$ 13)mg/kg; Mn: (1.06 $\pm$ 0.06)mg/kg; Na: (1.95 $\pm$ 0.04)mg/g; Zn: (58.1 $\pm$ 2.6)mg/kg; P: (2.98 $\pm$ 0.07)mg/g; Se: (1.23 $\pm$ 0.12)mg/kg	35g
GBW(E)100228	Vitamin B1, B2, B6, nicotinic acid and 10 inorganic elements in infant formula	Niacinamide: (9.89 $\pm$ 0.18)mg/g; Vitamin B1: (2.76 $\pm$ 0.11)mg/g; Vitamin B2: (4.28 $\pm$ 0.17)mg/g; Vitamin B6: (0.30 $\pm$ 0.02)mg/g; Ca: (92.7 $\pm$ 2.7)mg/g; Cu: (675 $\pm$ 11)mg/kg; Fe: (7.24 $\pm$ 0.44)mg/g; K: (7.10 $\pm$ 0.22)mg/g; Mg: (1.10 $\pm$ 0.05)mg/g; Mn: (613 $\pm$ 28)mg/kg; Na: (1.13 $\pm$ 0.04)mg/g; Zn: (353 $\pm$ 18)mg/kg; P: (6.51 $\pm$ 1.27)mg/g; Al: (146 $\pm$ 12)mg/kg	35g
GBW(E)100229	Purity of glucose	99.5%, U=0.8%	2g
GBW(E)100230	Purity of fructose	99.6%, U=0.7%	2g
GBW(E)100231	Purity of galactose	99.4%, U=1.3%	2g
GBW(E)100232	Purity of lactose	99.4%, U=1.4%	2g
GBW(E)100233	Purity of xylose	99.6%, U=1.1%	2g



Product Code	Product Name	Properties	Package
GBW(E)100234	Purity of sucrose	99.6%, U=1.4%	2g
GBW(E)100247	Purity of ferulic acid	99.88%, U=0.18%	0.1g
GBW(E)100248	Purity of apigenin	99.07%, U=0.35%	0.1g
GBW(E)100249	Purity of chrysin	99.54%, U=0.46%	0.1g
GBW(E)100250	Purity of 10-hydroxydec-2-enoic acid	99.81%, U=0.20%	0.1g
GBW(E)100251	5-Hydroxymethylfurfural (HMF) in methanol	1.00mg/mL, U=2.0%	10mL
GBW(E)100252	Clenbuterol-HCL in methanol	250µg/mL, U=3%	5mL
GBW(E)100253	Diethylstilbestrol in methanol	200µg/mL, U=7%	5mL
GBW(E)100254	Sudan I in n-hexane	100µg/mL, U=4%	10mL
GBW(E)100255	Sudan II in n-hexane	100µg/mL, U=4%	10mL
GBW(E)100256	Sudan III in n-hexane	100µg/mL, U=4%	10mL
GBW(E)100257	Sudan IV in n-hexane	100µg/mL, U=4%	10mL
GBW(E)100259	Purity of p-tert-butylphenol	99.8%, U=0.6%	100mg
GBW(E)100260	Purity of L-tryptophan	99.7%, U=0.7%	100mg
GBW(E)100261	Purity of 4-octylphenol	98.4%, U=0.7%	100mg
GBW(E)100262	Purity of benzoic acid	99.8%, U= 0.4%	250mg
GBW(E)100263	Benzoic acid solution	1.0mg/mL, U=0.8%	10mL
GBW(E)100264	Purity of nicotine	98.5%, U=0.5%	100mg
GBW(E)100265 BW3645	Purity of folic acid	90.4%, U=1.2%	20mg
GBW(E)100266 BW3646	Purity of vitamin D2	98.1%, U=0.9%	20mg
GBW(E)100267 BW3647	Purity of vitamin D3	99.6%, U=0.6%	20mg
GBW(E)110011	Coke	S: (0.60±0.02)%; ash: (12.88±0.06)%; volatile content: (1.35±0.06)%	100g



Product Code	Product Name	Properties	Package
GBW(E)110012	Coke	S: (0.78±0.01)%; ash: (13.70±0.01)%; volatile content: (1.56±0.03)%	100g
GBW(E)110013	Coke	S: (0.87±0.02)%; ash: (15.99±0.05)%; volatile content: (1.44±0.07)%	100g
GBW(E)110014	Coke	S: (1.05±0.02)%; ash: (15.06±0.11)%; volatile content: (2.10±0.07)%	100g
GBW(E)110015	Coke	S: (1.31±0.01)%; ash: (16.55±0.10)%; volatile content: (2.52±0.06)%	100g
GBW(E)110016	Coke	S: (2.15±0.02)%; ash: (21.53±0.13)%; volatile content: (4.23±0.08)%	100g
GBW(E)120001	Reference material for particle size distribution	number peak particle size: (1.95±0.06)µm; number average partical size: (1.98±0.05)µm; mass peak particle size: (2.02±0.07)µm; mass average partical size: (2.08±0.08)µm	10mL
GBW(E)120002a	Reference material for particle size distribution	number peak particle size: (3.49±0.09)µm; number average partical size: (3.48±0.10)µm; number median particle size: (3.48±0.11)µm; mass peak particle size: (3.57±0.12)µm; mass average partical size: (3.63±0.10)µm; mass median particle size: (3.58±0.09)µm	10mL
GBW(E)120003	Reference material for particle size distribution	number peak particle size: (1.95±0.06)µm; number average partical size: (1.98±0.05)µm; mass peak particle size: (2.02±0.07)µm; mass average partical size: (2.08±0.08)µm	10mL
GBW(E)120004a	Reference material for particle size distribution	number peak particle size: (9.2±0.2)µm; number average partical size: (9.4±0.2)µm; number median particle size: (9.7±0.2)µm; mass peak particle size: (9.7±0.3)µm; mass average partical size: (9.8±0.3)µm; mass median particle size: (10.1±0.2)µm	10mL
GBW(E)120005	Reference material for particle size distribution	number peak particle size: (16.14±0.34)µm; number average partical size: (16.32±0.54)µm; mass peak particle size: (16.32±0.02)µm; mass average partical size: (16.64±0.21)µm	10mL
GBW(E)120006a	Reference material for particle size distribution	number peak particle size: (22.4±0.2)µm; number average partical size: (22±0.3)µm; number median particle size: (22.1±0.2)µm; mass peak particle size: (22.5±0.1)µm; mass average partical size: (22.4±0.2)µm; mass median	10mL



Product Code	Product Name	Properties	Package
		particle size: (22.4±0.2)µm	
GBW(E)120007	Reference material for particle size distribution	number peak particle size: (36.6±1.6)µm; number average partical size: (37±1.1)µm; mass peak particle size: (38.5±0.8)µm; mass average partical size: (38.7±1.1)µm	10mL
GBW(E)120008	Reference material for particle size distribution	number peak particle size: (75±2.1)µm; number average partical size: (75±1.9)µm; mass peak particle size: (77.0±2.9)µm; mass average partical size: (77.3±3.3)µm	10mL
GBW(E)120013	Octane index of gasoline (leaded)	(90.9±1.0)RON	190mL
GBW(E)120014	Octane index of gasoline (leaded)	(92.5±1.0)RON	190mL
GBW(E)120015	Octane index of gasoline (no lead)	(90.3±1.0)RON	200mL
GBW(E)120016	Octane index of gasoline (no lead)	(93.3±1.0)RON	200mL
GBW(E)120032	Octane index of gasoline	(94.8±1.0)RON	200mL
GBW(E)120033	Cetane number of diesel oil	(24.2±2.5)CN	200mL
GBW(E)120034	Cetane number of diesel oil	(42.4±2.5)CN	200mL
GBW(E)120035	Cetane number of diesel oil	(51.9±2.5)CN	200mL
GBW(E)120036	Cetane number of diesel oil	(72.4±2.5)CN	200mL
GBW(E)130035	Benzoic acid calorimetric reference material	26485 J/g, U=1%	70 pieces
GBW(E)130066	Transmittance for UV spectrophotometry (20°C)	235nm: (18.1±0.2)%; 257nm: (13.7±0.2)%; 313nm: (51.3±0.2)%; 350nm: (22.3±0.2)%	20mL
GBW(E)130068	pH standard-potassium tetroxalate dihydrate	pH1.68±0.01(25°C)	1unit
GBW(E)130069	pH standard-potassium hydrogen tartrate	pH3.56±0.01(25°C)	1unit
GBW(E)130070	pH standard-potassium hydrogen phthalate	pH4.00±0.01(25°C)	1unit
GBW(E)130071	pH standard-phosphate buffers (Potassium Dihydrogen Phosphate, Disodium Hydrogen Phosphate)	pH6.86±0.01(25°C)	1unit

Product Code	Product Name	Properties	Package
GBW(E)130072	pH standard-sodium Tetraborate Decahydrate (Borax)	pH9.18±0.01(25°C)	1unit
GBW(E)130079	Cd series standard solutions for the verification of graphite furnace atomic absorption spectrophotometry	(0.5-5.00)ng/L, U=2%	5×90mL
GBW(E)130079-1	Cu series standard solution for the verification of flame atomic absorption spectrophotometry	(0.50-5.00)mg/L, U=1%	8×90mL
GBW(E)130096	Polythene (melt flow rate)	1.77g/10min, U=0.05g/10min	35g
GBW(E)130097	Polythene (melt flow rate)	4.10g/10min, U=0.18g/10min	35g
GBW(E)130098	Polythene (melt flow rate)	6.98g/10min, U=0.35g/10min	35g
GBW(E)130100	Quinine-sulfate for fluorescence measurement	98.6%, U=0.5%	0.5g
GBW(E)130101	Benzene in methylbenzene for GC verification	(5.00×10 <sup>3</sup> ~5.00×10 <sup>5</sup> )μg/mL, U=3%	1.5mL
GBW(E)130102	N-hexadecane/isooctane standard solution for GC verification	(1.00×10 <sup>2</sup> ~1.00×10 <sup>4</sup> )μg/mL, U=3%	2mL
GBW(E)130103	Methyl parathion/ethanol standard solution for GC verification	(1.00×10~1.00×10 <sup>3</sup> )μg/mL, U=3%	2mL
GBW(E)130104	gamma-666 in isooctane for GC verification	(0.100~1.00)μg/mL, U=3%	2mL
GBW(E)130106	Aqueous electrolytic conductivity-KCl(Solid form)	0.14085S/cm(25°C), U=0.25%	20g
GBW(E)130107	Aqueous electrolytic conductivity-KCl(Liquid form)	1411μS/cm(25°C), U=0.25%	100mL
GBW(E)130108	Aqueous electrolytic conductivity-KCl(Liquid form)	147.4μS/cm(25°C), U=0.25%	100mL
GBW(E)130109	Series K and Na standard solutions for flame photometer	K, Na, U=1%	9×90mL

Product Code	Product Name	Properties	Package
GBW(E)130110	Medium membrane interference filter	450nm, 550nm, 650nm, U=1nm	set(1)
GBW(E)130111	Praseodymium-neodymium wavelength filter	400~810nm, U=0.2nm	1 piece
GBW(E)130112	Holmium oxide optical filter	240~640, U=0.2nm	set(1)
GBW(E)130113	Visible light transmission filter (Neutral density transmittance filter)	10%, U=0.5% 20%, U=0.5% 30%, U=0.5%	set(1)
GBW(E)130114	Stray light optical filter	220nm, U=10% (A) 360nm, U=10% (A) 420nm, U=10% (A)	set(1)
GBW(E)130120	Medium membrane interference filter	380nm, 450nm, 550nm, 650nm, 750nm, U=1nm	set(1)
GBW(E)130147 ~130151	Refractive index solution	n <sub>20/D</sub> : 1.3330, U=0.0002 n <sub>20/D</sub> : 1.3995, U=0.0002 n <sub>20/D</sub> : 1.5008, U=0.0002 n <sub>20/D</sub> : 1.5602, U=0.0002 n <sub>20/D</sub> : 1.6580, U=0.0002	5×2mL
GBW(E)130163	Polythrene (melt flow rate)	3.21g/10min, U=0.15g/10min	35g
GBW(E)130164	Polypropylene (melt flow rate)	1.65g/10min, U=0.11g/10min	35g
GBW(E)130165	Polypropylene (melt flow rate)	3.10g/10min, U=0.22g/10min	35g
GBW(E)130167	Naphthalene in methanol for HPLC verification	1.00×10 <sup>-4</sup> g/mL, U=4%	5mL
GBW(E)130168	Naphthalene in methanol for HPLC verification	1.00×10 <sup>-7</sup> g/mL, U=4%	5mL
GBW(E)130169	Quinine in sulfate/perchloric acid solution for HPLC verification	1.00×10 <sup>-6</sup> g/mL, U=3%	5mL
GBW(E)130170	Quinine in sulfate/perchloric acid solution for HPLC verification	1.00×10 <sup>-4</sup> g/mL, U=3%	5mL
GBW(E)130171	Standard solution for infrared oil meter	1000mg/L, U=3%	5mL
GBW(E)130182	Thermal analysis-indium	Melt temperature: (156.52±0.26)°C ; melting heat: (28.53±0.30)J/g	0.5g
GBW(E)130183	Thermal analysis-tin	Melt temperature: (231.81±0.06)°C ; melting heat: (60.24±0.18)J/g	0.5g
GBW(E)130184	Thermal analysis-lead	Melt temperature: (327.77±0.46)°C ; melting heat: (23.02±0.28)J/g	0.5g
GBW(E)130185	Thermal analysis-zinc	Melt temperature: (420.67±0.60)°C ; melting heat: (107.6±1.3)J/g	0.5g
GBW(E)130186	Thermal analysis-potassium nitrate	Phase transition temperature: (130.45±0.44)°C	1g
GBW(E)130187	Thermal analysis-silicon dioxide	Phase transition temperature: (574.29±0.94)°C	1g



Product Code	Product Name	Properties	Package
GBW(E)130209	Karl Fischer moisture standard: moisture in methanol	1.40 mg/g, U=1.3%	6mL
GBW(E)130210	Karl Fischer moisture standard: moisture in methanol	5.11 mg/g, U=1.4%	6mL
GBW(E)130211	Karl Fischer moisture standard: sodium tartrate-2-hydrate	15.66%, U=2.0%	2g
GBW(E)130212	Naphthalene in methanol for HPLC verification	$1.00 \times 10^{-7}$ g/mL, U=3%	5mL
GBW(E)130213	Naphthalene in methanol for HPLC verification	$1.00 \times 10^{-5}$ g/mL, U=3%	5mL
GBW(E)130214	Naphthalene in methanol for HPLC verification	$1.00 \times 10^{-4}$ g/mL, U=3%	5mL
GBW(E)130215	Quinine in sulfate/perchloric acid solution for HPLC verification	$1.00 \times 10^{-9}$ g/mL, U=3%	5mL
GBW(E)130216	Quinine in sulfate/perchloric acid solution for HPLC verification	$1.00 \times 10^{-8}$ g/mL, U=3%	5mL
GBW(E)130217	Quinine in sulfate/perchloric acid solution for HPLC verification	$1.00 \times 10^{-7}$ g/mL, U=3%	5mL
GBW(E)130218	Quinine in sulfate/perchloric acid solution for HPLC verification	$1.00 \times 10^{-6}$ g/mL, U=3%	5mL
GBW(E)130219	Quinine in sulfate/perchloric acid solution for HPLC verification	$1.00 \times 10^{-5}$ g/mL, U=3%	5mL
GBW(E)130220	Glycerol in water for HPLC verification	$1.00 \times 10^{-5}$ g/mL, U=3%	5mL
GBW(E)130221	Glycerol in water for HPLC verification	$5.00 \times 10^{-5}$ g/mL, U=3%	5mL
GBW(E)130222	Glycerol in water for HPLC verification	$1.00 \times 10^{-4}$ g/mL, U=3%	5mL
GBW(E)130223	Glycerol in water for HPLC verification	$5.00 \times 10^{-4}$ g/mL, U=3%	5mL
GBW(E)130224	Glycerol in water for HPLC verification	$1.00 \times 10^{-3}$ g/mL, U=3%	5mL
GBW(E)130225	Standard interference filter for the verification of	absorbance: (0.200-1.000)A, U=0.012A	set(2)



Product Code	Product Name	Properties	Package
~130226	microplate reader		
GBW(E)130229	Benzene/methylbenzene for GC verification	5.00×10 <sup>-3</sup> ng/μL, U=3%	2mL
GBW(E)130230	Hexadecane/isooctane for GC verification	100ng/μL, U=2%	2mL
GBW(E)130231	Parathion-methyl/anhydrous ethanol for GC verification	10ng/μL, U=3%	2mL
GBW(E)130232	gamma-BHC/isooctane for GC verification	0.1ng/μL, U=3%	2mL
GBW(E)130233	Calorimetric standard-polythene	46506 J/g, U=0.1%	20g
GBW(E)130242	Series Be, In, Bi standard solutions for ICP/MS verification	Be10.0μg/L, In10.0μg/L, Bi10.0μg/L; U=0.6μg/L	50mL
GBW(E)130243	Cs standard solution for ICP/MS verification	10.0μg/L; U=0.6μg/L	50mL
GBW(E)130244	Cs standard solution for ICP/MS verification	20.0mg/L, U=0.6mg/L	50mL
GBW(E)130245	Octafluoronaphthalene in isooctane for GC/MS verification	100pg/μL, U=3%	1mL
GBW(E)130246	Hexachlorobenzene in isooctane for GC/MS verification	10ng/μL, U=3%	1mL
GBW(E)130247	Benzophenone in isooctane for GC/MS verification	10ng/μL, U=3%	1mL
GBW(E)130251	Standard liquid of viscosity at 37°C	1.5mm <sup>2</sup> /s, U=0.4%	8mL
GBW(E)130252	Standard liquid of viscosity at 37°C	3mm <sup>2</sup> /s, U=0.5%	8mL
GBW(E)130253	Standard liquid of viscosity at 37°C	5mm <sup>2</sup> /s, U=0.6%	8mL
GBW(E)130254	Standard liquid of viscosity at 37°C	10mm <sup>2</sup> /s, U=0.6%	8mL
GBW(E)130255	Standard liquid of viscosity at 37°C	20mm <sup>2</sup> /s, U=0.6%	8mL
GBW(E)130256	Standard liquid of viscosity at 37°C	30mm <sup>2</sup> /s, U=0.6%	8mL
GBW(E)130286 ~130289	Series standard solutions for the verification of ICP-OES	Cr, Ni, Zn: 1.00, 2.00, 5.00mg/L, U=2%; Cu, Mn, Ba: 0.50, 1.00, 2.50mg/L, U=2%; Se, Li, Na, K, Mn, Cu, Ba, Zn (for wavelength calibration): 0-50mg/L,	5×40mL





Product Code	Product Name	Properties	Package
		U=2%	
GBW(E)130315	Polythene (melt flow rate)	1.94g/10min, U=1.5%	35g
GBW(E)130316	Polythene (melt flow rate)	4.96g/10min, U=1.4%	35g
GBW01101a	Cast iron	C, Si, Mn, P, S, Ti, Cu	150g
GBW01101b	Cast iron	C, Si, Mn, P, S, Ti, Cu	150g
GBW01101c	Cast iron	C, Si, Mn, P, S, Ti, Cu	150g
GBW01102a	Cast iron	C, Si, Mn, P, S, Ti, Cu	150g
GBW01102b	Cast iron	C, Si, Mn, P, S, Ti, Cu	150g
GBW01102c	Cast iron	C, Si, Mn, P, S, Ti, Cu	150g
GBW01103a	Cast iron	C, Si, Mn, P, S, Ti, Cu	150g
GBW01103b	Cast iron	C, Si, Mn, P, S, Ti, Cu	150g
GBW01103c	Cast iron	C, Si, Mn, P, S, Ti, Cu	150g
GBW01104a	Cast iron	C, Si, Mn, P, S, Ti, Cu	150g
GBW01104b	Cast iron	C, Si, Mn, P, S, Ti, Cu	150g
GBW01104c	Cast iron	C, Si, Mn, P, S, Ti, Cu	150g
GBW01105a	Cast iron	C, Si, Mn, P, S, Ti, Cu	150g
GBW01105b	Cast iron	C, Si, Mn, P, S, Ti, Cu	150g
GBW01105c	Cast iron	C, Si, Mn, P, S, Ti, Cu	150g
GBW01106a	Cast iron	C, Si, Mn, P, S, Ti, Cu	150g
GBW01106b	Cast iron	C, Si, Mn, P, S, Ti, Cu	150g
GBW01106c	Cast iron	C, Si, Mn, P, S, Ti, Cu	150g
GBW01107a	Cast iron	C, Si, Mn, P, S, Ti, Cu	150g
GBW01107b	Cast iron	C, Si, Mn, P, S, Ti, Cu	150g
GBW01107c	Cast iron	C, Si, Mn, P, S, Ti, Cu	150g
GBW01108a	Cast iron	C, Si, Mn, P, S, Ti, Cu	150g

Product Code	Product Name	Properties	Package
GBW01108b	Cast iron	C, Si, Mn, P, S, Ti, Cu	150g
GBW01108c	Cast iron	C, Si, Mn, P, S, Ti, Cu	150g
GBW01109a	Cast iron	C, Si, Mn, P, S, Ti, Cu	150g
GBW01109b	Cast iron	C, Si, Mn, P, S, Ti, Cu	150g
GBW01109c	Cast iron	C, Si, Mn, P, S, Ti, Cu	150g
GBW01110a	Cast iron	C, Si, Mn, P, S, Ti, Cu	150g
GBW01110b	Cast iron	C, Si, Mn, P, S, Ti, Cu	150g
GBW01110c	Cast iron	C, Si, Mn, P, S, Ti, Cu	150g
GBW01111b	Cast iron for carbon and sulphur analysis	C: (3.690±0.009)%; S: (0.0160±0.0016)%	150g
GBW01111c	Cast iron for carbon and sulphur analysis	C: (3.55±0.03)%; S: (0.016±0.001)%	150g
GBW01112b	Cast iron for carbon and sulphur analysis	C: (3.87±0.009)%; S: (0.044±0.0009)%	150g
GBW01112c	Cast iron for carbon and sulphur analysis	C: (3.82±0.02)%; S: (0.038±0.002)%	150g
GBW01112d	Cast iron for carbon and sulphur analysis	C: (3.68±0.03)%; S: (0.043±0.002)%	150g
GBW01113b	Cast iron for carbon and sulphur analysis	C: (4.19±0.011)%; S: (0.060±0.007)%	150g
GBW01113c	Cast iron for carbon and sulphur analysis	C: (4.11±0.02)%; S: (0.054±0.003)%	150g
GBW01115b	Cast iron for carbon and sulphur analysis	C: (4.13±0.007)%; S: (0.030±0.0005)%	150g
GBW01115c	Cast iron for carbon and sulphur analysis	C: (4.06±0.03)%; S: (0.030±0.002)%	150g
GBW01116b	Cast iron for carbon and sulphur analysis	C: (3.58±0.02)%; S: (0.073±0.002)%	150g
GBW01117	Cast iron for carbon and sulphur analysis	C: (3.08±0.02)%; S: (0.098±0.002)%	150g
GBW01118	Cast iron for carbon and sulphur analysis	C: (2.90±0.007)%; S: (0.145±0.0012)%	150g
GBW01119a	Ductile iron	C, Si, Mn, P, S, Cu, Cr, Ni, Mo, Co, ΣRE, Mg, V, Ti	85g
GBW01120	High chromium cast iron	C, Si, Mn, P, S, Cr, Mo, V, Ti	100g
GBW01121	High chromium cast iron	C, Si, Mn, P, S, Cr, Mo, V, Ti	100g
GBW01122	High chromium cast iron	C, Si, Mn, P, S, Cr, Ni, Mo, V, Ti	100g
GBW01123	Pig iron	C, Si, Mn, P, S, Cu, Co, Ni, V, Ti, Cr, Mo, Al(s), Pb, Sn, As, Sb, [Bi]	100g

Product Code	Product Name	Properties	Package
GBW01124	Pig iron	C, Si, Mn, P, S, Cu, Co, Ni, V, Ti, Cr, Mo, Al(s), Pb, Sn, As, Sb, [Bi]	100g
GBW01125 ~01130	Re-Mg ductile iron (for use with optical emission spectroscopic methods)	C, Si, Mn, P, S, Cu, Mo, V, Ti, Sn, Sb, Mg, La, Ce	Φ 30mm× 25mm, set(6)
GBW01131 ~01137	Cast low alloy iron (for use with optical emission spectroscopic methods)	C, Si, Mn, P, S, Cr, Ni, Cu, W, Mo, V, Ti, B, Mg, Sn, La, Ce	Φ 33mm× 30mm, set(7)
GBW01138 ~01144	Nitrogen alloyed cast iron	C, Si, Mn, P, S, Cr, Ni, Cu, V, Ti, Mo, Mg, Al(t), La, Sn, Ce, N	Φ 33mm× 20mm, set(7)
GBW01145	RE-Mg cast iron	Cr, Co, Sn, P, Cu, Ti, Si, N, Re, Al(s), S, B, As, C, W, Mn, La, V, Mg, Ce, Ni, Mo, [Sb]	80g
GBW01146a	Low carbon and sulphur in pure iron	C: (0.0025±0.0005)%; S: (0.0019±0.0002)%	80g
GBW01147	Low carbon and sulphur in pure iron	C: (0.0045±0.0004)%; S: (0.0061±0.0002)%	80g
GBW01148	Low carbon and sulphur in pure iron	C: (0.0093±0.0006)%; S: (0.0014±0.0001)%	80g
GBW01201	Plain carbon steel	C, S, P, Si, Mn, Cr, Ni, Cu, Al, V, Ti	100g
GBW01202	Plain carbon steel	C, S, P, Si, Mn, Cr, Ni, Cu, Al, V, Ti	100g
GBW01203a	Plain carbon steel	C, S, P, Si, Mn, Cr, Ni, Cu, Al, V, Ti	100g
GBW01204	Plain carbon steel	C, S, P, Si, Mn, Cr, Ni, Cu, Al, V, Ti	100g
GBW01205b	Plain carbon steel	C, Si, Mn, P, S, Cu, Ni, Cr	150g
GBW01206	Carbon steel	C, Si, Mn, P, S	150g
GBW01207	Carbon steel	C, Si, Mn, P, S	150g
GBW01208	Carbon steel	C, Si, Mn, P, S	150g
GBW01209a	Carbon structural steel	C, Si, Mn, P, S, Cu, Ni, Cr	150g
GBW01210a	Carbon structural steel	C, Si, Mn, P, S, Cu, Ni, Cr	150g
GBW01211 ~01216	Carbon steel and carbon tool steel (for optical emission spectroscopic analysis)	C, Mn, S, Cr, Ti, Mo, W	Φ 35mm× 35mm, set(6)
GBW01217	Carbon steel	C, S, P, Si, Mn, Cr, Ni, Cu, Al, As, B, Sn	100g



Product Code	Product Name	Properties	Package
GBW01218	Carbon steel	C, S, P, Si, Mn, Cr, Ni, Cu, Al, As, B, Sn	100g
GBW01219	Carbon steel	C, S, P, Si, Mn, Cr, Ni, Cu, Al, As, B, Sn	100g
GBW01220	Carbon steel	C, S, P, Si, Mn, Cr, Ni, Cu, Al, As, B, Sn	100g
GBW01221	Carbon steel	C, S, P, Si, Mn, Cr, Ni, Cu, Al, As, B, Sn	100g
GBW01222	Carbon steel	C, S, P, Si, Mn, Cr, Ni, Cu, Al, As, B, Sn	100g
GBW01223 ~01228	Carbon steel (for optical emission spectroscopic analysis)	C, S, P, Si, Mn, Cr, Ni, Cu, Al, As, B, Sn	Φ 32mm× 28mm, set(6)
GBW01301	Low alloy steel	C, Si, Mn, P, S, Ni, Cr, Cu, Al(s)	150g
GBW01302	Low alloy steel	C, Si, Mn, P, S, Ni, Cr, Cu, Al(s)	150g
GBW01303	Low alloy steel	C, Si, Mn, P, S, Ni, Cr, Cu, Al(s)	150g
GBW01304	Low alloy steel	C, Si, Mn, P, S, Ni, Cr, Cu, Al(s)	150g
GBW01305	Low alloy steel	C, Si, Mn, P, S, Ni, Cr, Cu, Al(s)	150g
GBW01306	Low alloy steel	C, Si, Mn, P, S, Ni, Cr, Cu, Al(s)	150g
GBW01307	Low alloy steel	C, Si, Mn, P, S, Cr, Ni, Cu, V, Ti, Mo, Al(s), B(s)	150g
GBW01308	Low alloy steel	C, Si, Mn, P, S, Cr, Ni, Cu, V, Ti, Mo, Al(s), B(s)	150g
GBW01309	Low alloy steel	C, Si, Mn, P, S, Cr, Ni, Cu, V, Ti, Mo, Al(s), B(s)	150g
GBW01310	Low alloy steel	C, Si, Mn, P, S, Cr, Ni, Cu, V, Ti, Mo, Al(s), B(s)	150g
GBW01311	Low alloy steel	C, Si, Mn, P, S, Cr, Ni, Cu, V, Ti, Mo, Al(s), B(s)	150g
GBW01312	Low alloy steel	C, Si, Mn, P, S, Ni, Cu, V, Ti, Mo, Al(s), B(s), [Cr]	150g
GBW01313	Tool steel	C, Si, Mn, P, S, Cr, Ni, W, Cu, Mo, V	100g
GBW01314	Tool steel	C, Si, Mn, P, S, Cr, Ni, W, Cu, Mo, V	100g
GBW01315	Tool steel	C, Si, Mn, P, S, Cr, Ni, Cu, Mo, W	100g
GBW01316	Tool steel	C, Si, Mn, P, S, Cr, Ni, W, Cu, Mo, V	100g
GBW01317b	Bearing steel	C, Si, Mn, P, S, Mo, Cr, Cu, Ni, Sn, As, Sb, Ti, Al(t), Al(s), Co, Pb	100g
GBW01318a	Tool steel	C, Si, Mn, P, S, Cr, Ni, W, Cu	150g



Product Code	Product Name	Properties	Package
GBW01319a	Tool steel	C, Si, Mn, P, S, Cr, Ni, W	150g
GBW01320	Low and medium alloy steel	C, Si, Mn, P, S, Cr, Ni, W, V, Mo, Al, Ti, Cu, B, Co, Nb, Zr	150g
GBW01321	Edge steel	C, Si, Mn, P, S, Cr, Ni, Cu, Mo, V, Al, N	150g
GBW01322	Low alloy steel	C, Si, Mn, P, S, Cr, Ni, Cu, V, Ti, Al(t), Al(s), B(s), B(t)	100g
GBW01323	Low alloy steel	C, Si, Mn, P, S, Cr, Ni, Cu, V, Ti, Al(t), Al(s), B(s), B(t)	100g
GBW01324	Low alloy steel	C, Si, Mn, P, S, Cr, Ni, Cu, V, Ti, Al(t), Al(s), B(s), B(t)	100g
GBW01325	Low alloy steel	C, Si, Mn, P, S, Cr, Ni, Cu, V, Ti, Al(t), Al(s), B(s), B(t)	100g
GBW01326	Low alloy steel	C, Si, Mn, P, S, Cr, Ni, Cu, V, Ti, Al(t), Al(s), B(s), B(t)	100g
GBW01327	Low alloy steel	C, Si, Mn, P, S, Cr, Ni, Cu, V, Ti, Al(t), Al(s), B(s), B(t)	100g
GBW01328 ~01333	Low alloy steel (for use with optical emission spectroscopic methods)	C, Si, Mn, P, S, Cr, Ni, Cu, V, Ti, Al, B	Φ32mm× 28mm, set(6)
GBW01334	Low alloy steel	C, Si, Mn, P, S, Cu, Cr, Mo, Ni, Al(s), V, Co	150g
GBW01335	Low and medium alloy steel	C, Si, Mn, P, S, Cr, Ni, Cu, Mo, Sn, As, Sb, Al(s)	150g
GBW01336	Low alloy steel	C, Si, Mn, P, S, Cu, W, Sn, Ni, Al(s), Co, Mo	100g
GBW01337	Low alloy steel	C, Si, Mn, P, S, Cu, W, Sn	100g
GBW01338	Low alloy steel	C, Si, Mn, P, S, Cu, W, Sn	100g
GBW01339	Low alloy steel	C, Si, Mn, P, S, Cu, W, Sn	100g
GBW01340	Low alloy steel	C, Si, Mn, P, S, Cu, W, Sn	100g
GBW01341	Carbon and sulphur in bearing steel	C, Si, Mn, P, S, Cu, Cr, Ni	50g
GBW01342	Low alloy steel	C, Si, Mn, P, S, Cu, Cr, Ni	100g
GBW01343	Low alloy steel	C, Si, Mn, P, S, Cu, Cr, Ni	100g
GBW01344	Low alloy steel	C, Si, Mn, P, S, Cu, Cr, Ni	100g
GBW01345	Low alloy steel	C, Si, Mn, P, S, Cu, Cr, Ni	100g
GBW01351	Structural alloy steel	C, Si, Mn, P, S, Cr, Ni, Cu, Mo, Al, W	100g
GBW01351a	Structural alloy steel	C, Si, Mn, P, S, Cr, Ni, Cu, Mo, Al, W	100g



Product Code	Product Name	Properties	Package
GBW01352	Structural alloy steel	C, Si, Mn, P, S, Cr, Ni, Cu, Mo, Al, W	100g
GBW01352a	Structural alloy steel	C, Si, Mn, P, S, Cr, Ni, Cu, Mo, Al, W	150g
GBW01353	Structural alloy steel	C, Si, Mn, P, S, Cr, Ni, Cu, Mo, Al, W, V	150g
GBW01354	Structural alloy steel	C, Si, Mn, P, S, Cr, Ni, Cu, Mo, Ti, W	150g
GBW01355	Structural alloy steel	C, Si, Mn, P, S, Cr, Ni, Cu, Mo, W, V, Ti, B	150g
GBW01356a	Structural alloy steel	C, Si, Mn, P, S, Cr, Mo, Cu	150g
GBW01357	Structural alloy steel	C, S, P, Mn, Si, Ni, Cr, Cu, Mo, V	100g
GBW01358	Structural alloy steel	C, S, P, Mn, Si, Ni, Cr, Cu, Mo, V	100g
GBW01359	Structural alloy steel	C, S, P, Si, Mn, Cr, Mo, V, Sn, As, Pb, Sb, Bi, Ni	100g
GBW01360	Structural alloy steel	C, S, P, Si, Mn, Cr, Mo, V, Sn, As, Pb, Sb, Bi, Ni	100g
GBW01361	Structural alloy steel	C, S, P, Si, Mn, Cr, Mo, V, Sn, As, Pb, Sb, Bi, Ni	100g
GBW01362	Structural alloy steel	C, S, P, Si, Mn, Cr, Mo, V, Sn, As, Pb, Sb, Bi, Ni	100g
GBW01363	Structural alloy steel	C, S, P, Si, Mn, Cr, Mo, V, Sn, As, Pb, Sb, Bi, Ni	100g
GBW01364 ~01368	Structural alloy steel (for use with optical emission spectroscopic methods)	C, S, P, Si, Mn, Cr, Mo, V, Sn, As, Pb, Sb, Bi, Ni	Φ30mm× 32mm, set(5)
GBW01369	Die steel	C, Mn, P, S, Si, Cr, V, Ni, Mo, Cu	100g
GBW01369a	Die steel	C, Mn, P, S, Si, Cr, V, Ni, Mo, Cu	100g
GBW01371	Silicon steel	C, S, P, Mn, Si, Ni, Cr, Cu, Mo	100g
GBW01372	Silicon steel	C, S, P, Mn, Si, Ni, Cr, Cu, Mo, Al(s), Al(is)	100g
GBW01373	Silicon steel	C, S, P, Mn, Si, Ni, Cr, Cu, Mo, Al(s), Al(is)	100g
GBW01374	Silicon steel	C, S, P, Mn, Si, Ni, Cr, Cu, Mo, Al(s), Al(is)	100g
GBW01375	Bearing steel	C, S, P, Mn, Si, Ni, Cr, Cu	100g
GBW01376	Bearing steel	C, S, P, Mn, Si, Ni, Cr, Cu	100g
GBW01377	Bearing steel	C, S, P, Mn, Si, Ni, Cr, Cu	100g
GBW01378	Bearing steel	C, S, P, Mn, Si, Ni, Cr, Cu	100g



Product Code	Product Name	Properties	Package
GBW01379	Bearing steel	C, S, P, Mn, Si, Ni, Cr, Cu	100g
GBW01380 ~01384	Bearing steel (for use with optical emission spectroscopic methods)	C, S, P, Mn, Si, Ni, Cr, Cu	Φ 30mm× 32mm, set(5)
GBW01385 ~01391	Silicon steel (for use with optical emission spectroscopic methods)		Φ 37mm× 30mm, set(7)
GBW01392	Hot-working die steel	C, Si, Mn, P, S, Ni, Cr, Cu, Mo, V, Cu, Al(s), Al(is), Al(t), Co, Ti, [W], [As]	100g
GBW01393	Hot-working die steel (for use with optical emission spectroscopic methods)	C, Si, Mn, P, S, Ni, Cr, Cu, Mo, V, Cu, Al(s), Al(is), Al(t), Co, Ti, W, As	100g
GBW01401a	Pure iron	C, Si, Mn, P, S, Cr, Ni, Mo, Co, Cu, N, Al, Ti	150g
GBW01402c	High purity iron	C, Si, Mn, P, S, Ni, Cr, Cu, Mo, V, Ti, Al, As, Sb, Sn, Ca, Mg, Co, Pb, Bi, Cd, Zn	15g
GBW01402d	High purity iron	C, Si, Mn, P, S, Ni, Cr, Cu, Mo, V, Ti, Al, As, Sb, Sn, Ca, Mg, Co, Pb, Bi, Cd, Zn	15g
GBW01402e	High purity iron	C, Si, Mn, P, S, Ni, Cr, Cu, Mo, V, Ti, Al, As, Sb, Sn, Ca, Mg, Co, Pb, Bi, Cd, Zn	15g
GBW01403	Armco iron	C, Si, Mn, P, S, Ni, Cr, Cu, N, Al(t)	100g
GBW01403a	Armco iron	C, Si, Mn, P, S, Ni, Cr, Cu, N, Al(t)	100g
GBW01404	Armco iron	C, Si, Mn, P, S, Ni, Cr, Cu, N, Al(t)	100g
GBW01404a	Armco iron	C, Si, Mn, P, S, Ni, Cr, Cu, N, Al(t)	100g
GBW01405	Armco iron	C, Si, Mn, P, S, Ni, Cr, Cu, N, Al(t)	100g
GBW01405a	Armco iron	C, Si, Mn, P, S, Ni, Cr, Cu, N, Al(t)	100g
GBW01406	Armco iron	C, Si, Mn, P, S, Ni, Cr, Cu, N, Al(t)	100g
GBW01406a	Armco iron	C, Si, Mn, P, S, Ni, Cr, Cu, N, Al(t)	100g
GBW01407	Armco iron	C, Si, Mn, P, S, Ni, Cr, Cu, N, Al(t)	100g
GBW01407a	Armco iron	C, Si, Mn, P, S, Ni, Cr, Cu, N, Al(t)	100g





Product Code	Product Name	Properties	Package
GBW01421	Medium-carbon ferromanganese	Si, P, Mn, C, S	50g
GBW01422	Ferro silicon	Si, P, Mn, C, S, Cr, Al, Ca	50g
GBW01422a	Ferro silicon	Si, P, Mn, C, S, Cr, Al, Ca	50g
GBW01423	Ferro molybdenum	Si, P, C, S, Cu, Mo	50g
GBW01424	High-carbon ferrochromium	Si, P, Mn, C, S, Cr	50g
GBW01425a	Low-carbon ferrochromium	Si, P, Mn, C, S, Cr	70g
GBW01426	High-carbon ferromanganese	Si, P, Mn, C, S	50g
GBW01427	Silicon manganese	Si, P, Mn, C, S	50g
GBW01428	Ferro-tungsten	Si, P, Mn, C, S, Cu, W	50g
GBW01429	Ferro-phosphorus	Si, P, Mn, C, S	50g
GBW01430	Ferrotitanium	Si, P, Mn, C, S, Cu, Al, Ti	50g
GBW01431	Si-Ca alloy	Si, P, Mn, C, S, Ca, Al, Fe	100g
GBW01432	Ferro silicon	Si, P, Mn, C, S, Cr, Cu, Ni, Ca, Al, Fe, V, Co, Ti, B, Ba, Mo, Mg, Sn, As, [O]	70g
GBW01433	Ferro silicon	Si, P, Mn, C, S, Cr, Cu, Ni, Ca, Al, Fe, V, Co, Ti, B, Ba, Mo, Mg, Sn, As, [O]	70g
GBW01434	Barium-calcium-silicon	Si, P, Mn, C, S, Al, Ca, Fe, Cu, Cr, Ni, Ba	70g
GBW01501	Precision alloy	C, Mn, Si, P, S, Ni, Co, Cr, Cu, Mo, Ti	100g
GBW01502	Precision alloy	C, Mn, Si, P, S, Ni, Co, Cr, Cu, Mo, Ti	100g
GBW01503	Precision alloy	C, Mn, Si, P, S, Ni, Co	100g
GBW01531	Sulfur-phosphorus free cutting steel	C, S, P, Si, Mn	150g
GBW01532	Sulfur-phosphorus free cutting steel	C, S, P, Si, Mn	150g
GBW01533	Sulfur-phosphorus free cutting steel	C, S, P, Si, Mn	150g
GBW01534	Sulfur-phosphorus free cutting steel	C, S, P, Si, Mn	150g
GBW01601	Stainless steel	Si, P, Mn, C, S, Cr, Cu, Ni, Mo, W, Al, Ti	100g
GBW01602	Stainless steel	Si, P, Mn, C, S, Cr, Cu, Ni, V, Mo, Nb, Co, N, B	100g
GBW01603	Stainless steel	Si, P, Mn, C, S, Cr, Cu, Ni, V, Mo, N	100g



Product Code	Product Name	Properties	Package
GBW01604	Stainless steel	Si, P, Mn, C, S, Cr, Cu, Ni, Mo, W, Ti, Al(t)	100g
GBW01605 ~01609	High alloy steel (for use with optical emission spectroscopic methods)	Si, P, Mn, C, S, Cr, Cu, Ni, Mo, W, V, Ti, Co	Φ33mm× 33mm, set(5)
GBW01610	Stainless steel	Si, P, Mn, C, S, Cr, Cu, Ni, Mo, As, W, Pb, Sn	100g
GBW01611	Stainless steel	Si, P, Mn, C, S, Cr, Cu, Ni, Mo, W, Al, Ti	100g
GBW01612	Stainless steel	Si, P, Mn, C, S, Cr, Cu, Ni, Mo, W, Al, Ti	100g
GBW01613	Stainless steel	Si, P, Mn, C, S, Cr, Cu, Ni, Mo, W, Al, Ti	100g
GBW01614	Stainless steel	Si, P, Mn, C, S, Cr, Cu, Ni, Mo, W, Al, Pb, Ti, Sn	100g
GBW01615	Stainless steel	Si, P, Mn, C, S, Cr, Cu, Ni, Mo, As, Al, Pb, Ti, Sn	100g
GBW01616	Stainless steel	Si, P, Mn, C, S, Cr, Cu, Ni, Mo, Al	100g
GBW01617	Stainless steel	Si, P, Mn, C, S, Cr, Cu, Ni, Mo, W, Al, N	100g
GBW01618	Stainless steel	Si, P, Mn, C, S, Cr, Cu, Ni, W, Al, Ti	100g
GBW01619	Iron and nickel base high temperature alloy	Ag, As, Bi, Ca, Cd, Ga, In, Mg, Pb, Sb, Se, Sn, Te, Tl, Zn	150g
GBW01620	Iron and nickel base high temperature alloy	Ag, As, Bi, Ca, Cd, Ga, In, Mg, Pb, Sb, Se, Sn, Te, Tl, Zn	150g
GBW01621	Iron and nickel base high temperature alloy	Ag, As, Bi, Ca, Cd, Ga, In, Mg, Pb, Sb, Se, Sn, Te, Tl, Zn	150g
GBW01622	Iron and nickel base high temperature alloy	Ag, As, Bi, Ca, Cd, Ga, In, Mg, Pb, Sb, Se, Sn, Te, Tl, Zn	150g
GBW01623	Iron and nickel base high temperature alloy	Ag, As, Bi, Ca, Cd, Ga, In, Mg, Pb, Sb, Se, Sn, Te, Tl, Zn	150g
GBW01624	Heat-resisting alloy	C, Si, Mn, P, S, Cr, Ni, W, Mo, V, Nb	100g
GBW01625	High alloy steel	C, Si, Mn, S, P, Cr, Ni, Cu	100g
GBW01626	Cast nickel base superalloy for trace elements	As, Sb, Pb, Sn, Bi, Ag, Te, Tl, Se	50g
GBW01627	Cast nickel base superalloy for trace elements	As, Sb, Pb, Sn, Bi, Ag, Te, Tl, Se	50g
GBW01628	Cast nickel base superalloy for trace elements	As, Sb, Pb, Sn, Bi, Ag, Te, Tl, Se	50g
GBW01629	Cast nickel base superalloy for trace elements	As, Sb, Pb, Sn, Bi, Ag, Te, Tl, Se	50g
GBW01630	Cast nickel base superalloy for trace elements	As, Sb, Pb, Sn, Bi, Ag, Te, Tl, Se	50g
GBW01631	Cast iron-nickel base superalloy for trace	As, Sb, Pb, Sn, Bi, Ag, Te, Tl, Se	50g



Product Code	Product Name	Properties	Package
	elements		
GBW01632	Cast iron-nickel base superalloy for trace elements	As, Sb, Pb, Sn, Bi, Ag, Te, Tl, Se	50g
GBW01633	Cast iron-nickel base superalloy for trace elements	As, Sb, Pb, Sn, Bi, Ag, Te, Tl, Se	50g
GBW01634	Cast iron-nickel base superalloy for trace elements	As, Sb, Pb, Sn, Bi, Ag, Te, Tl, Se	50g
GBW01635	Cast iron-nickel base superalloy for trace elements	As, Sb, Pb, Sn, Bi, Ag, Te, Tl, Se	50g
GBW01636	Trace elements in nickel-base superalloy	Ag, As, B, Bi, Cd, Ce, Cu, Ga, Ge, Hf, In, P, Pb, Sb, Sc, Se, Sn, Te, Tl, Zn	Φ33mm× 20mm
GBW01637	Trace elements in nickel-base superalloy	Ag, As, B, Bi, Ce, Cu, Ga, Ge, Hf, In, P, Pb, Sb, Sc, Se, Sn, Te, Tl, Zn	50g
GBW01638	Trace elements in nickel-base superalloy	Ag, As, B, Bi, Ce, Cu, Ga, Ge, Hf, In, P, Pb, Sb, Sc, Se, Sn, Te, Tl, Zn	50g
GBW01639	Trace elements in nickel-base superalloy	Ag, As, B, Bi, Ce, Cu, Ga, Ge, Hf, In, P, Pb, Sb, Sc, Se, Sn, Te, Tl, Zn	50g
GBW01640	Trace elements in nickel-base superalloy	Ag, As, B, Bi, Ce, Cu, Ga, Ge, Hf, In, P, Pb, Sb, Sc, Se, Sn, Te, Tl, Zn	50g
GBW01641	Nickel based high temperature alloy	B, Bi, P, Pb	50g
GBW01651	10MnNb RE steel	C, S, P, Si, Mn, Cr, Ni, Cu, Nb, Re, Al(s), N	150g
GBW01652	10MnNb RE steel	C, S, P, Si, Mn, Cr, Ni, Cu, Nb, Re, Al(s), N	150g
GBW01653	10MnNb RE steel	C, S, P, Si, Mn, Cr, Ni, Cu, Nb, Re, Al(s)	150g
GBW01654	Alloy constructional steel	C, P, S, Mn, Si, Cr, Ni, V, W, Ti, Al, Cu, Mo, Co	100g
GBW01655	Stainless steel	Si, P, Mn, C, S, Cr, Cu, Ni, Mo, As, W, V, Al, Ti, Sn, So, [N]	100g
GBW01656	Stainless steel	Si, P, Mn, C, S, Cr, Cu, Ni, Mo, As, W, V, Al, Ti, Sn, So, [N]	100g
GBW01657	Stainless steel	Si, P, Mn, C, S, Cr, Cu, Ni, Mo, As, W, V, Al, Ti, Sn, So, [N]	100g
GBW01658	Stainless steel	Si, P, Mn, C, S, Cr, Cu, Ni, Mo, As, W, V, Al, Ti, Sn, So, [N]	100g
GBW01659	Stainless steel (for use with optical emission	C, Si, Mn, P, S, Cr, Ni, Cu, W, Mo, Co, Ti, Al(t), Pb, As, Sn	Φ38mm×



Product Code	Product Name	Properties	Package
~01665	spectroscopic methods)		30mm, set(7)
GBW01666 ~01673	Structural alloy steel (for use with optical emission spectroscopic methods)	C, S, P, Si, Mn, Cr, Mo, V, Sn, As, Pb, Ni, Al(t), B, Ce, Cu, N, Ti, W	Φ38mm× 30mm, set(8)
GBW01701	Basic blast-furnace slag	SiO <sub>2</sub> , CaO, MgO, Al <sub>2</sub> O <sub>3</sub> , MnO, S, TFe, TiO <sub>2</sub> , K <sub>2</sub> O, Na <sub>2</sub> O	50g
GBW01702	Basic blast-furnace slag	SiO <sub>2</sub> , CaO, MgO, Al <sub>2</sub> O <sub>3</sub> , MnO, S, TFe, TiO <sub>2</sub> , K <sub>2</sub> O, Na <sub>2</sub> O	50g
GBW01703	Basic blast-furnace slag	SiO <sub>2</sub> , CaO, MgO, Al <sub>2</sub> O <sub>3</sub> , MnO, S, TFe, TiO <sub>2</sub> , K <sub>2</sub> O, Na <sub>2</sub> O	50g
GBW01704	Converter slag	SiO <sub>2</sub> , TCa, MgO, Al <sub>2</sub> O <sub>3</sub> , TiO <sub>2</sub> , TFe, MnO, P <sub>2</sub> O <sub>5</sub> , F, S	50g
GBW01705	Converter slag	SiO <sub>2</sub> , TCa, MgO, Al <sub>2</sub> O <sub>3</sub> , TiO <sub>2</sub> , TFe, MnO, P <sub>2</sub> O <sub>5</sub> , F, S	50g
GBW01706	Converter slag	SiO <sub>2</sub> , TCa, MgO, Al <sub>2</sub> O <sub>3</sub> , TiO <sub>2</sub> , TFe, MnO, K <sub>2</sub> O, Na <sub>2</sub> O, P <sub>2</sub> O <sub>5</sub> , F, S	50g
GBW01707	Converter slag	SiO <sub>2</sub> , TCa, MgO, Al <sub>2</sub> O <sub>3</sub> , TiO <sub>2</sub> , TFe, MnO, K <sub>2</sub> O, Na <sub>2</sub> O, P <sub>2</sub> O <sub>5</sub> , F, S	50g
GBW01708	Converter slag	SiO <sub>2</sub> , TCa, MgO, Al <sub>2</sub> O <sub>3</sub> , TiO <sub>2</sub> , TFe, MnO, K <sub>2</sub> O, Na <sub>2</sub> O, P <sub>2</sub> O <sub>5</sub> , F, S	50g
GBW02101	Iron brass	Cu, Fe, Mn, Al, Sn, Pb, Sb, Bi, P	100g
GBW02102	Aluminium bronze	Fe, Mn, Al, Sn, Pb, Sb, P, Zn, Ni, Si, As	100g
GBW02103	Manganese brass	Cu, Fe, Mn, Al, Sn, Pb, Sb, P	100g
GBW02104	Nickel silver	Fe, Mn, Pb, Sb, Bi, P, Zn, Ni, Si, As, Mg	100g
GBW02105 ~02109	Nickel silver (for optical emission spectroscopic analysis)	Fe, Mn, Pb, Sb, Bi, Si, As, Mg, [Zn], [Ni]	Φ30mm× 35mm, set(5)
GBW02110	Aluminium brass	Al, As, Bi, Cu, Fe, Ni, P, Pb, Sb, Sn	100g
GBW02111 ~02115	Purity copper (for optical emission spectroscopic analysis)	Fe, Sn, Pb, Sb, Bi, Zn, Ni, As	Φ8mm× 140mm, set(5)
GBW02116	Lead brass	Cu, Fe, Al, Sn, Pb, Sb, Bi, P, Zn, Ni	100g
GBW02117	Aluminium bronze	Al, Mn, Fe, Ni, Pb, Si, Sn, Zn, P, Cu	100g
GBW02118	Aluminium bronze	Al, Mn, Fe, Ni, Pb, Si, Sn, Zn, P, Sb, As, Cu	100g
GBW02119	Aluminium bronze	Al, Mn, Fe, Ni, Pb, Si, Sn, Zn, P, Sb, As, Cu	100g
GBW02121	Aluminium bronze (for optical emission	Al, Mn, Fe, Ni, Pb, Si, Sn, Zn, Cu	Φ30mm×



Product Code	Product Name	Properties	Package
~02126	spectroscopic analysis)		35mm, set(6)
GBW02127	Copper Alloy	Cu, Ni, Pb, Sn	95g
GBW02128	Copper Alloy	Cu, Ni, Pb, Sn	95g
GBW02129	Copper Alloy	Cu, Ni, Pb, Sn	95g
GBW02130	Copper Alloy	Cu, Ni, Pb, Sn	95g
GBW02131	Copper Alloy	Cu, Ni, Pb, Sn	95g
GBW02132	Phosphor bronze	Cu, Sn, P	150g
GBW02133	Phosphor bronze	Cu, Sn, P	150g
GBW02134	Phosphor bronze	Cu, Sn, P	150g
GBW02135	Phosphor bronze	Cu, Sn, P	150g
GBW02136	Phosphor bronze	Cu, Sn, P, Pb, Fe, Sb, Si	150g
GBW02137	Bronze	Cu, Sn, Pb, Zn	100g
GBW02138	Bronze	Cu, Sn, Pb, Zn	100g
GBW02139	Bronze	Cu, Sn, Pb, Zn, Ni	100g
GBW02140	Bronze	Cu, Sn, Pb, Zn	100g
GBW02141	Pure Copper	[Ag], As, Bi, Cu, Fe, Ni, Pb, S, Sb, Sn, An	100g
GBW02201	Aluminium alloy	Be, Cu, Fe, Mg, Mn, Ni, Si, Ti, Zn	50g
GBW02202	Aluminium alloy	Cu, Fe, Mg, Mn, Ni, Pb, Si, Ti, Zn	50g
GBW02203	Aluminium alloy	Cr, Cu, Fe, Mg, Mn, Ni, Si, Sn, Ti, Zn	50g
GBW02204	Aluminium alloy	B, Cd, Cu, Fe, Mg, Mn, Si, Ti, V, Zr	100g
GBW02205	Refined alumimium	Cu, Fe, Si	20g
GBW02206	Refined alumimium	Cu, Fe, Si	20g
GBW02207	Refined alumimium	Cu, Fe, Si	20g
GBW02208	Refined alumimium	Cu, Fe, Si	20g
GBW02209	Refined alumimium	Cu, Fe, Si	20g

Product Code	Product Name	Properties	Package
GBW02210 ~02214	Refined aluminium (for optical emission spectroscopic analysis)	Cu, Fe, Si	Φ10mm× 120mm, set(5)
GBW02215 ~02219	Aluminium alloy (for optical emission spectroscopic analysis)	Cr, Cu, Fe, Mg, Mn, Si, Ti, Zn	club-shaped: Φ7mm× 130mm; disk: Φ40mm× 45mm; set(5)
GBW02220	Aluminium alloy	Cu, Fe, Mg, Mn, Ni, Si, Ti, Zn	50g
GBW02221	Aluminium alloy	Cu, Fe, Mg, Mn, Ni, Si, Ti, Zn	50g
GBW02222	Aluminium alloy	Cu, Fe, Mg, Si, Ti, Zn, Zr	100g
GBW02223 ~02227	Cast aluminium alloy (for optical emission spectroscopic analysis)	Cu, Fe, Mg, Mn, Ni, Pb, Si, Sn, Ti, Zn	255mm× 180mm× 45mm, set(5)
GBW02228 ~02237	Cast aluminium alloy (for optical emission spectroscopic analysis)	B, Ca, Cd, Ce, Cu, Fe, Ga, Mg, Mn, Na, Ni, Pb, Sb, Si, Sn, Ti, Zn	255mm× 180mm× 45mm, set(10)
GBW02238 ~02243	High-silicon high-copper cast aluminium alloy (for optical emission spectroscopic analysis)	Cu, Fe, Mg, Mn, Si, Zn	45mm×35mm ×30mm, set(6)
GBW02301	Tin-base alloy	Sn, Sb, Cu, Pb, Bi, As	100g
GBW02302	Tin-base alloy	Sn, Sb, Cu, Pb, Bi, As	100g
GBW02351	Magnesium alloy	Cu, Mn, Ni, RE, Zn, Zr	50g
GBW02401	Lead-base alloy	Pb, Sn, Sb, Cu, Bi, As	100g
GBW02402	Lead-base alloy	Pb, Sn, Sb, Cu, Bi, As	100g
GBW02501	Titanium-base alloy	C, Si, Cr, Mo, Al, Zr, Fe, N	50g
GBW02502	Titanium-base alloy	C, Si, Mo, Al, Zr, Fe, N	50g



Product Code	Product Name	Properties	Package
GBW02551	High-temperature alloy	C, Mn, Si, S, P, Cr, Al, Ti, Cu, Nb, B, Fe, Zr, Ce	150g
GBW02601	Nitrogen in titanium	(0.017±0.001)%	35g
GBW02602	Nitrogen in titanium alloy (Ti-5Al-4V)	(0.020±0.001)%	35g
GBW02603	Oxygen, nitrogen in titanium alloy (Ti-5Al-4V)	O: (0.119±0.005)%; N: (0.027±0.001)%	10g
GBW02604	Oxygen, nitrogen in titanium	O: (0.273±0.008)%; N: (0.023±0.01)%	10g
GBW02605	Oxygen in unalloyed titanium	(0.316±0.011)%	10g
GBW02606	Hydrogen in stainless steel	(6.5±0.1)×10 <sup>-6</sup>	20 granules
GBW02607a	Hydrogen in stainless steel	(4.4±0.1)×10 <sup>-6</sup>	20 granules
GBW02608b	Hydrogen in stainless steel	(3.5±0.1)×10 <sup>-6</sup>	20 granules
GBW02609	Oxygen, nitrogen in bearing steel	O: (12.0±1.0)%; N: (51.1±1.4)%	50 granules
GBW02610	Hydrogen in titanium	(62±4)×10 <sup>-6</sup>	15g
GBW02611	Hydrogen in titanium	(94±3)×10 <sup>-6</sup>	15g
GBW02612	Hydrogen in titanium	(133±4)×10 <sup>-6</sup>	15g
GBW02613	Oxygen in copper rod	(333±5)×10 <sup>-6</sup>	Φ 7mm× 70mm
GBW02614	Oxygen in copper rod	(272±5)×10 <sup>-6</sup>	Φ 7mm× 70mm
GBW02615	Oxygen in copper rod	(8.5±0.4)×10 <sup>-6</sup>	Φ 7mm× 70mm
GBW02616	Oxygen in copper rod	(4.6±0.4)×10 <sup>-6</sup>	Φ 7mm× 70mm
GBW02617	Oxygen, nitrogen in bearing steel	O: (0.00084±0.00006)%; N: (0.0057±0.0001)%	30 granules
GBW02617a	Oxygen, nitrogen in bearing steel	O: (8.5±0.5)×10 <sup>-6</sup> ; N: (6.8±4)×10 <sup>-6</sup>	30 granules
GBW02618	Nitrogen in titanium alloy (Ti-15-3)	(0.013±0.001)%	10g
GBW02619	Cast nickel base superalloy for gas analysis	O: (0.0010±0.0001)%; N: (0.00063±0.00012)%	30 granules





Product Code	Product Name	Properties	Package
GBW02620	Cast iron-nickel base supperalloy for gas analysis	O: (0.0020±0.0004)%; N: (0.0051±0.0007)%	25g
GBW02701	Zinc	Cd, Cu, Fe, Pb	50g
GBW02702	Zinc	Cd, As, Sn, Fe, Sb, Pb, Cu	50g
GBW02703	Zinc	Cd, Cu, Fe, Pb	50g
GBW02704	Zinc alloy	Al, Cd, Cu, Fe, Mg, Pb, Sn, Zn	50g
GBW02705 ~02709	Zinc Alloy (for use with optical emission spectroscopic methods)	Al, Cd, Cu, Mg, Pb, Sn, Zn	30mm×35mm ×45mm, set(5)
GBW02751	Gold Jewelry Series: Purity of gold	99.994%, U=0.037%	Φ 16mm×
GBW02752	Gold Jewelry Series: Purity of silver	99.994%, U=0.044%	0.2mm, set(29)
GBW02753	Gold Jewelry Series: Purity of copper	99.99%, U=0.031%	
GBW02754a ~02779a	Gold Jewelry Series	Ag, Au, Cu	
GBW02780 ~02785	Impurity of gold for spectral anaglysis	Ag, Bi, Cu, Fe, Pb, Sb	Φ 6mm× 105mm, set(6)
GBW02786 ~02791	Impurity of silver for spectral anaglysis	Au, Bi, Cu, Fe, Pb, Sb	Φ 6mm× 105mm, set(6)
GBW02801	Carbon in tungsten carbide	(6.10±0.01)%	100g
GBW02901	Impurity constituents in yttrium oxide	CeO <sub>2</sub> , Pr <sub>6</sub> O <sub>11</sub> , Tb <sub>4</sub> O <sub>7</sub> , Dy <sub>2</sub> O <sub>3</sub> , CaO, CuO, Fe <sub>2</sub> O <sub>3</sub> , NiO, PbO, SiO <sub>2</sub>	10g
GBW02902	Impurity constituents in europium oxide	La <sub>2</sub> O <sub>3</sub> , CeO <sub>2</sub> , Pr <sub>6</sub> O <sub>11</sub> , Nd <sub>2</sub> O <sub>3</sub> , Sm <sub>2</sub> O <sub>3</sub> , Gd <sub>2</sub> O <sub>3</sub> , Tb <sub>4</sub> O <sub>7</sub> , Dy <sub>2</sub> O <sub>3</sub> , Ho <sub>2</sub> O <sub>3</sub> , Er <sub>2</sub> O <sub>3</sub> , Tm <sub>2</sub> O <sub>3</sub> , Yb <sub>2</sub> O <sub>3</sub> , Lu <sub>2</sub> O <sub>3</sub> , Y <sub>2</sub> O <sub>3</sub> , Na <sub>2</sub> O, CaO, Fe <sub>2</sub> O <sub>3</sub> , NiO, CuO, ZnO, PbO <sub>2</sub> , [SiO <sub>2</sub> ]	5g
GBW02903	Impurity constituents in cerium oxide	CaO, Fe <sub>2</sub> O <sub>3</sub> , Gd <sub>2</sub> O <sub>3</sub> , Lu <sub>2</sub> O <sub>3</sub> , Na <sub>2</sub> O, Nd <sub>2</sub> O <sub>3</sub> , Pr <sub>6</sub> O <sub>11</sub> , SiO <sub>2</sub> , Sm <sub>2</sub> O <sub>3</sub> , Y <sub>2</sub> O <sub>3</sub>	5g
GBW03101	Clay	SiO <sub>2</sub> , Al <sub>2</sub> O <sub>3</sub> , Fe <sub>2</sub> O <sub>3</sub> , CaO, MgO, K <sub>2</sub> O, Na <sub>2</sub> O, TiO <sub>2</sub> , SO <sub>3</sub> , P <sub>2</sub> O <sub>5</sub> , MnO, L.O.I., Cl, [CO <sub>2</sub> ], [H <sub>2</sub> O+], [FeO]	50g
GBW03101a	Clay	SiO <sub>2</sub> , Al <sub>2</sub> O <sub>3</sub> , Fe <sub>2</sub> O <sub>3</sub> , CaO, MgO, K <sub>2</sub> O, Na <sub>2</sub> O, TiO <sub>2</sub> , SO <sub>3</sub> , P <sub>2</sub> O <sub>5</sub> , MnO,	50g



Product Code	Product Name	Properties	Package
		L.O.I., Cl, [CO <sub>2</sub> ], [H <sub>2</sub> O+], [FeO]	
GBW03102	Clay	SiO <sub>2</sub> , Al <sub>2</sub> O <sub>3</sub> , Fe <sub>2</sub> O <sub>3</sub> , CaO, MgO, K <sub>2</sub> O, Na <sub>2</sub> O, TiO <sub>2</sub> , SO <sub>3</sub> , P <sub>2</sub> O <sub>5</sub> , MnO, L.O.I., Cl, [CO <sub>2</sub> ], [H <sub>2</sub> O+], [FeO]	50g
GBW03102a	Clay	SiO <sub>2</sub> , Al <sub>2</sub> O <sub>3</sub> , Fe <sub>2</sub> O <sub>3</sub> , CaO, MgO, K <sub>2</sub> O, Na <sub>2</sub> O, TiO <sub>2</sub> , SO <sub>3</sub> , P <sub>2</sub> O <sub>5</sub> , MnO, L.O.I., Cl, [CO <sub>2</sub> ], [H <sub>2</sub> O+], [FeO]	50g
GBW03103	Clay	SiO <sub>2</sub> , Al <sub>2</sub> O <sub>3</sub> , Fe <sub>2</sub> O <sub>3</sub> , CaO, MgO, K <sub>2</sub> O, Na <sub>2</sub> O, TiO <sub>2</sub> , SO <sub>3</sub> , P <sub>2</sub> O <sub>5</sub> , MnO, L.O.I., Cl, [CO <sub>2</sub> ], [H <sub>2</sub> O+], [FeO]	60g
GBW03104	Shale	SiO <sub>2</sub> , Al <sub>2</sub> O <sub>3</sub> , Fe <sub>2</sub> O <sub>3</sub> , CaO, MgO, K <sub>2</sub> O, Na <sub>2</sub> O, TiO <sub>2</sub> , SO <sub>3</sub> , P <sub>2</sub> O <sub>5</sub> , MnO, L.O.I., Cl, CO <sub>2</sub> , [H <sub>2</sub> O+], [FeO]	60g
GBW03105	Limestone	SiO <sub>2</sub> , Al <sub>2</sub> O <sub>3</sub> , Fe <sub>2</sub> O <sub>3</sub> , CaO, MgO, K <sub>2</sub> O, Na <sub>2</sub> O, TiO <sub>2</sub> , SO <sub>3</sub> , P <sub>2</sub> O <sub>5</sub> , MnO, L.O.I., Cl, fSiO <sub>2</sub> , [CO <sub>2</sub> ]	50g
GBW03105a	Limestone	SiO <sub>2</sub> , Al <sub>2</sub> O <sub>3</sub> , Fe <sub>2</sub> O <sub>3</sub> , CaO, MgO, K <sub>2</sub> O, Na <sub>2</sub> O, TiO <sub>2</sub> , SO <sub>3</sub> , P <sub>2</sub> O <sub>5</sub> , MnO, L.O.I., Cl, fSiO <sub>2</sub> , [CO <sub>2</sub> ]	50g
GBW03106	Limestone	SiO <sub>2</sub> , Al <sub>2</sub> O <sub>3</sub> , Fe <sub>2</sub> O <sub>3</sub> , CaO, MgO, K <sub>2</sub> O, Na <sub>2</sub> O, TiO <sub>2</sub> , SO <sub>3</sub> , P <sub>2</sub> O <sub>5</sub> , MnO, L.O.I., Cl, fSiO <sub>2</sub> , [CO <sub>2</sub> ]	50g
GBW03106a	Limestone	SiO <sub>2</sub> , Al <sub>2</sub> O <sub>3</sub> , Fe <sub>2</sub> O <sub>3</sub> , CaO, MgO, K <sub>2</sub> O, Na <sub>2</sub> O, TiO <sub>2</sub> , SO <sub>3</sub> , P <sub>2</sub> O <sub>5</sub> , MnO, L.O.I., Cl, fSiO <sub>2</sub> , [CO <sub>2</sub> ]	50g
GBW03107	Limestone	SiO <sub>2</sub> , Al <sub>2</sub> O <sub>3</sub> , Fe <sub>2</sub> O <sub>3</sub> , CaO, MgO, K <sub>2</sub> O, Na <sub>2</sub> O, TiO <sub>2</sub> , SO <sub>3</sub> , P <sub>2</sub> O <sub>5</sub> , MnO, L.O.I., Cl, fSiO <sub>2</sub> , [CO <sub>2</sub> ]	50g
GBW03108	Limestone	SiO <sub>2</sub> , Al <sub>2</sub> O <sub>3</sub> , Fe <sub>2</sub> O <sub>3</sub> , CaO, MgO, K <sub>2</sub> O, Na <sub>2</sub> O, TiO <sub>2</sub> , SO <sub>3</sub> , P <sub>2</sub> O <sub>5</sub> , MnO, L.O.I., Cl, fSiO <sub>2</sub> , [CO <sub>2</sub> ]	50g
GBW03109	Gypsum	SiO <sub>2</sub> , Al <sub>2</sub> O <sub>3</sub> , Fe <sub>2</sub> O <sub>3</sub> , CaO, MgO, K <sub>2</sub> O, Na <sub>2</sub> O, TiO <sub>2</sub> , SO <sub>3</sub> , H <sub>2</sub> O+, Cl, L.O.I., [CO <sub>2</sub> ], [SrO]	50g
GBW03109a	Gypsum	SiO <sub>2</sub> , Al <sub>2</sub> O <sub>3</sub> , Fe <sub>2</sub> O <sub>3</sub> , CaO, MgO, K <sub>2</sub> O, Na <sub>2</sub> O, TiO <sub>2</sub> , SO <sub>3</sub> , H <sub>2</sub> O+, Cl, L.O.I., [CO <sub>2</sub> ], [SrO]	50g



Product Code	Product Name	Properties	Package
GBW03110	Gypsum	SiO <sub>2</sub> , Al <sub>2</sub> O <sub>3</sub> , Fe <sub>2</sub> O <sub>3</sub> , CaO, MgO, K <sub>2</sub> O, Na <sub>2</sub> O, TiO <sub>2</sub> , SO <sub>3</sub> , H <sub>2</sub> O+, Cl, L.O.I., [CO <sub>2</sub> ], [SrO]	50g
GBW03111	Gypsum	SiO <sub>2</sub> , Al <sub>2</sub> O <sub>3</sub> , Fe <sub>2</sub> O <sub>3</sub> , CaO, MgO, K <sub>2</sub> O, Na <sub>2</sub> O, TiO <sub>2</sub> , SO <sub>3</sub> , H <sub>2</sub> O+, Cl, L.O.I., [CO <sub>2</sub> ], [SrO]	50g
GBW03111a	Gypsum	SiO <sub>2</sub> , Al <sub>2</sub> O <sub>3</sub> , Fe <sub>2</sub> O <sub>3</sub> , CaO, MgO, K <sub>2</sub> O, Na <sub>2</sub> O, TiO <sub>2</sub> , SO <sub>3</sub> , H <sub>2</sub> O+, Cl, L.O.I., [CO <sub>2</sub> ], [SrO]	50g
GBW03112	Siliceous sandstone	SiO <sub>2</sub> , Al <sub>2</sub> O <sub>3</sub> , Fe <sub>2</sub> O <sub>3</sub> , CaO, MgO, TiO <sub>2</sub> , K <sub>2</sub> O, Na <sub>2</sub> O, Cr <sub>2</sub> O <sub>3</sub> , L.O.I., [P <sub>2</sub> O <sub>5</sub> ], [MnO]	50g
GBW03113	Siliceous sandstone	SiO <sub>2</sub> , Al <sub>2</sub> O <sub>3</sub> , Fe <sub>2</sub> O <sub>3</sub> , CaO, MgO, TiO <sub>2</sub> , K <sub>2</sub> O, Na <sub>2</sub> O, Cr <sub>2</sub> O <sub>3</sub> , L.O.I., [P <sub>2</sub> O <sub>5</sub> ], [MnO]	50g
GBW03114	Siliceous sandstone	SiO <sub>2</sub> , Al <sub>2</sub> O <sub>3</sub> , Fe <sub>2</sub> O <sub>3</sub> , CaO, MgO, TiO <sub>2</sub> , K <sub>2</sub> O, Na <sub>2</sub> O, Cr <sub>2</sub> O <sub>3</sub> , L.O.I., [P <sub>2</sub> O <sub>5</sub> ], [MnO]	50g
GBW03115	Plastic clay	SiO <sub>2</sub> , Al <sub>2</sub> O <sub>3</sub> , Fe <sub>2</sub> O <sub>3</sub> , CaO, MgO, K <sub>2</sub> O, Na <sub>2</sub> O, TiO <sub>2</sub>	50g
GBW03116	Potassium feldspar	SiO <sub>2</sub> , Al <sub>2</sub> O <sub>3</sub> , Fe <sub>2</sub> O <sub>3</sub> , CaO, MgO, K <sub>2</sub> O, Na <sub>2</sub> O, TiO <sub>2</sub> , L.O.I.	50g
GBW03117	Soda-lime-silica glass	SiO <sub>2</sub> , Al <sub>2</sub> O <sub>3</sub> , Fe <sub>2</sub> O <sub>3</sub> , TiO <sub>2</sub> , CaO, MgO, K <sub>2</sub> O, Na <sub>2</sub> O, L.O.I., SO <sub>3</sub>	50g
GBW03118	Graphite ore	SiO <sub>2</sub> , Al <sub>2</sub> O <sub>3</sub> , Fe <sub>2</sub> O <sub>3</sub> (t), CaO, MgO, K <sub>2</sub> O, Na <sub>2</sub> O, TiO <sub>2</sub> , P <sub>2</sub> O <sub>5</sub> , MnO, CO <sub>2</sub> , S, H <sub>2</sub> O+, fixed carbon	50g
GBW03119	Graphite ore	SiO <sub>2</sub> , Al <sub>2</sub> O <sub>3</sub> , Fe <sub>2</sub> O <sub>3</sub> (t), CaO, MgO, K <sub>2</sub> O, Na <sub>2</sub> O, TiO <sub>2</sub> , P <sub>2</sub> O <sub>5</sub> , MnO, CO <sub>2</sub> , S, H <sub>2</sub> O+, fixed carbon	50g
GBW03120	Graphite ore	SiO <sub>2</sub> , Al <sub>2</sub> O <sub>3</sub> , Fe <sub>2</sub> O <sub>3</sub> (t), CaO, MgO, K <sub>2</sub> O, Na <sub>2</sub> O, TiO <sub>2</sub> , P <sub>2</sub> O <sub>5</sub> , MnO, CO <sub>2</sub> , S, H <sub>2</sub> O+, fixed carbon, ash, volatile matter	50g
GBW03121	Kaolin	SiO <sub>2</sub> , Al <sub>2</sub> O <sub>3</sub> , Fe <sub>2</sub> O <sub>3</sub> (t), CaO, MgO, K <sub>2</sub> O, Na <sub>2</sub> O, TiO <sub>2</sub> , SO <sub>3</sub> , P <sub>2</sub> O <sub>5</sub> , MnO, L.O.I., H <sub>2</sub> O+, [CO <sub>2</sub> ], [FeO]	50g
GBW03122	Kaolin	SiO <sub>2</sub> , Al <sub>2</sub> O <sub>3</sub> , Fe <sub>2</sub> O <sub>3</sub> (t), CaO, MgO, K <sub>2</sub> O, Na <sub>2</sub> O, TiO <sub>2</sub> , SO <sub>3</sub> , P <sub>2</sub> O <sub>5</sub> , MnO, L.O.I., H <sub>2</sub> O+, [CO <sub>2</sub> ], [FeO]	50g



Product Code	Product Name	Properties	Package
GBW03123	Wollastonite	SiO <sub>2</sub> , Al <sub>2</sub> O <sub>3</sub> , Fe <sub>2</sub> O <sub>3</sub> , CaO, MgO, K <sub>2</sub> O, Na <sub>2</sub> O, TiO <sub>2</sub> , P <sub>2</sub> O <sub>5</sub> , MnO, L.O.I., FeO, [S]	50g
GBW03124	Nepheline syenite	SiO <sub>2</sub> , Al <sub>2</sub> O <sub>3</sub> , Fe <sub>2</sub> O <sub>3</sub> , FeO, TiO <sub>2</sub> , CaO, MgO, K <sub>2</sub> O, Na <sub>2</sub> O, P <sub>2</sub> O <sub>5</sub> , MnO, L.O.I., H <sub>2</sub> O+, [S]	50g
GBW03125	Nepheline syenite	SiO <sub>2</sub> , Al <sub>2</sub> O <sub>3</sub> , Fe <sub>2</sub> O <sub>3</sub> , CaO, MgO, K <sub>2</sub> O, Na <sub>2</sub> O, TiO <sub>2</sub> , P <sub>2</sub> O <sub>5</sub> , MnO, CO <sub>2</sub> , H <sub>2</sub> O+, FeO, [S]	50g
GBW03126	Pyrophyllite	SiO <sub>2</sub> , Al <sub>2</sub> O <sub>3</sub> , Fe <sub>2</sub> O <sub>3</sub> , CaO, MgO, K <sub>2</sub> O, Na <sub>2</sub> O, TiO <sub>2</sub> , SO <sub>3</sub> , P <sub>2</sub> O <sub>5</sub> , MnO, L.O.I., H <sub>2</sub> O+	50g
GBW03127	Pyrophyllite	SiO <sub>2</sub> , Al <sub>2</sub> O <sub>3</sub> , Fe <sub>2</sub> O <sub>3</sub> , CaO, MgO, K <sub>2</sub> O, Na <sub>2</sub> O, TiO <sub>2</sub> , SO <sub>3</sub> , P <sub>2</sub> O <sub>5</sub> , MnO, L.O.I., H <sub>2</sub> O+	50g
GBW03128	Brucite	SiO <sub>2</sub> , Al <sub>2</sub> O <sub>3</sub> , Fe <sub>2</sub> O <sub>3</sub> (t), CaO, MgO, K <sub>2</sub> O, Na <sub>2</sub> O, P <sub>2</sub> O <sub>5</sub> , MnO, CO <sub>2</sub> , [H <sub>2</sub> O+]	50g
GBW03129	Brucite	SiO <sub>2</sub> , Al <sub>2</sub> O <sub>3</sub> , Fe <sub>2</sub> O <sub>3</sub> (t), CaO, MgO, K <sub>2</sub> O, Na <sub>2</sub> O, P <sub>2</sub> O <sub>5</sub> , MnO, CO <sub>2</sub> , [H <sub>2</sub> O+]	50g
GBW03130	Steatite	SiO <sub>2</sub> , Al <sub>2</sub> O <sub>3</sub> , Fe <sub>2</sub> O <sub>3</sub> (t), TiO <sub>2</sub> , CaO, MgO, K <sub>2</sub> O, Na <sub>2</sub> O, P <sub>2</sub> O <sub>5</sub> , MnO, CO <sub>2</sub> , L.O.I., H <sub>2</sub> O+, [A.U.M]	30g
GBW03131	Steatite	SiO <sub>2</sub> , Al <sub>2</sub> O <sub>3</sub> , Fe <sub>2</sub> O <sub>3</sub> (t), TiO <sub>2</sub> , CaO, MgO, K <sub>2</sub> O, Na <sub>2</sub> O, P <sub>2</sub> O <sub>5</sub> , MnO, CO <sub>2</sub> , L.O.I., H <sub>2</sub> O+, [A.U.M]	30g
GBW03132	Borosilicate glass	SiO <sub>2</sub> , Al <sub>2</sub> O <sub>3</sub> , Fe <sub>2</sub> O <sub>3</sub> , CaO, MgO, K <sub>2</sub> O, Na <sub>2</sub> O, TiO <sub>2</sub> , P <sub>2</sub> O <sub>5</sub> , MnO, L.O.I., FeO, [S]	50g
GBW03133	Bauxite	SiO <sub>2</sub> , Al <sub>2</sub> O <sub>3</sub> , Fe <sub>2</sub> O <sub>3</sub> , TiO <sub>2</sub> , CaO, MgO, K <sub>2</sub> O, Na <sub>2</sub> O, L.O.I	50g
GBW03134	Albite	SiO <sub>2</sub> , Al <sub>2</sub> O <sub>3</sub> , Fe <sub>2</sub> O <sub>3</sub> , CaO, MgO, K <sub>2</sub> O, Na <sub>2</sub> O, TiO <sub>2</sub> , L.O.I.	50g
GBW03201a	Portland cement	SiO <sub>2</sub> , Al <sub>2</sub> O <sub>3</sub> , Fe <sub>2</sub> O <sub>3</sub> , CaO, MgO, K <sub>2</sub> O, Na <sub>2</sub> O, TiO <sub>2</sub> , SO <sub>3</sub> , L.O.I., insoluble matter	25g
GBW03201b	Portland cement	SiO <sub>2</sub> , Al <sub>2</sub> O <sub>3</sub> , Fe <sub>2</sub> O <sub>3</sub> , CaO, MgO, K <sub>2</sub> O, Na <sub>2</sub> O, TiO <sub>2</sub> , SO <sub>3</sub> , L.O.I., insoluble matter	25g
GBW03202	Cement black raw meal	SiO <sub>2</sub> , Al <sub>2</sub> O <sub>3</sub> , Fe <sub>2</sub> O <sub>3</sub> , CaO, MgO, K <sub>2</sub> O, Na <sub>2</sub> O, TiO <sub>2</sub> , SO <sub>3</sub> , L.O.I.	20g



Product Code	Product Name	Properties	Package
GBW03203	Cement raw meal	SiO <sub>2</sub> , Al <sub>2</sub> O <sub>3</sub> , Fe <sub>2</sub> O <sub>3</sub> , CaO, MgO, K <sub>2</sub> O, Na <sub>2</sub> O, TiO <sub>2</sub> , SO <sub>3</sub> , L.O.I.	20g
GBW03204	Cement clinker	SiO <sub>2</sub> , Al <sub>2</sub> O <sub>3</sub> , Fe <sub>2</sub> O <sub>3</sub> , CaO, MgO, K <sub>2</sub> O, Na <sub>2</sub> O, TiO <sub>2</sub> , SO <sub>3</sub> , L.O.I., insoluble matter	20g
GBW03205	Ordinary portland cement	SiO <sub>2</sub> , Al <sub>2</sub> O <sub>3</sub> , Fe <sub>2</sub> O <sub>3</sub> , CaO, MgO, K <sub>2</sub> O, Na <sub>2</sub> O, TiO <sub>2</sub> , SO <sub>3</sub> , L.O.I.	20g
GBW03206	Portland-pozzolana cement	SiO <sub>2</sub> , Al <sub>2</sub> O <sub>3</sub> , Fe <sub>2</sub> O <sub>3</sub> , CaO, MgO, K <sub>2</sub> O, Na <sub>2</sub> O, TiO <sub>2</sub> , SO <sub>3</sub> , L.O.I.	20g
GBW03207	Portland blastfurnace-slag cement	SiO <sub>2</sub> , Al <sub>2</sub> O <sub>3</sub> , Fe <sub>2</sub> O <sub>3</sub> , CaO, MgO, K <sub>2</sub> O, Na <sub>2</sub> O, TiO <sub>2</sub> , SO <sub>3</sub> , L.O.I.	20g
GBW03208	Portland fly-ash cement	SiO <sub>2</sub> , Al <sub>2</sub> O <sub>3</sub> , Fe <sub>2</sub> O <sub>3</sub> , CaO, MgO, K <sub>2</sub> O, Na <sub>2</sub> O, TiO <sub>2</sub> , SO <sub>3</sub> , L.O.I., insoluble matter	20g
GBW04101	Uranium ore	SiO <sub>2</sub> , Al <sub>2</sub> O <sub>3</sub> , Fe <sub>2</sub> O <sub>3</sub> , CaO, MgO, K <sub>2</sub> O, Na <sub>2</sub> O, TiO <sub>2</sub> , SO <sub>3</sub> , L.O.I., MnO, P <sub>2</sub> O <sub>5</sub> , U, MoO <sub>3</sub>	100g
GBW04102	Uranium ore	SiO <sub>2</sub> , Al <sub>2</sub> O <sub>3</sub> , Fe <sub>2</sub> O <sub>3</sub> , CaO, MgO, K <sub>2</sub> O, Na <sub>2</sub> O, TiO <sub>2</sub> , SO <sub>3</sub> , L.O.I., MnO, P <sub>2</sub> O <sub>5</sub> , U, MoO <sub>3</sub>	100g
GBW04103	Uranium ore	SiO <sub>2</sub> , Al <sub>2</sub> O <sub>3</sub> , Fe <sub>2</sub> O <sub>3</sub> , CaO, MgO, K <sub>2</sub> O, Na <sub>2</sub> O, TiO <sub>2</sub> , SO <sub>3</sub> , L.O.I., MnO, P <sub>2</sub> O <sub>5</sub> , U, CO <sub>2</sub>	100g
GBW04104	Uranium ore	SiO <sub>2</sub> , Al <sub>2</sub> O <sub>3</sub> , Fe <sub>2</sub> O <sub>3</sub> , CaO, MgO, K <sub>2</sub> O, Na <sub>2</sub> O, TiO <sub>2</sub> , SO <sub>3</sub> , L.O.I., MnO, P <sub>2</sub> O <sub>5</sub> , U, CO <sub>2</sub>	100g
GBW04105	Uranium ore	SiO <sub>2</sub> , Al <sub>2</sub> O <sub>3</sub> , Fe <sub>2</sub> O <sub>3</sub> , CaO, MgO, K <sub>2</sub> O, Na <sub>2</sub> O, TiO <sub>2</sub> , SO <sub>3</sub> , L.O.I., MnO, P <sub>2</sub> O <sub>5</sub> , U, CO <sub>2</sub>	100g
GBW04106	Uranium ore	Th, U	100g
GBW04107	Uranium ore	U	100g
GBW04108	Uranium ore	U	100g
GBW04109	Uranium ore	U	100g
GBW04110	Uranium, thorium and radium in ore	U, Th, Ra	50g/100g/150g
GBW04111	Uranium, thorium and radium in ore	U, Th, Ra	50g/100g/150g
GBW04112	Uranium, thorium and radium in ore	U, Th, Ra	50g/100g/150g



Product Code	Product Name	Properties	Package
GBW04113	Uranium, thorium and radium in ore	U, Th, Ra	50g/100g/150g
GBW04114	Uranium, thorium and radium in ore	U, Th, Ra	50g/100g/150g
GBW04115	Uranium, thorium and radium in ore	U, Th, Ra, V, Co, Ni, Ca, Zn, Mo, Pb	50g/100g/150g
GBW04116	Uranium, thorium and radium in ore	U, Th, Ra	50g/100g/150g
GBW04117	Uranium-productive rock	U, Th, SiO <sub>2</sub> , Al <sub>2</sub> O <sub>3</sub> , Fe <sub>2</sub> O <sub>3</sub> , FeO, CaO, MgO, K <sub>2</sub> O, Na <sub>2</sub> O, TiO <sub>2</sub> , MnO, S, F, P <sub>2</sub> O <sub>5</sub> , H <sub>2</sub> O+, CO <sub>2</sub> (t)	80g
GBW04118	Uranium-productive rock	U, SiO <sub>2</sub> , Al <sub>2</sub> O <sub>3</sub> , Fe <sub>2</sub> O <sub>3</sub> , FeO, CaO, MgO, K <sub>2</sub> O, Na <sub>2</sub> O, TiO <sub>2</sub> , MnO, S, P <sub>2</sub> O <sub>5</sub> , H <sub>2</sub> O+, CO <sub>2</sub> (t), V, Co, Ni, Cu, Zn, Mo, Pb	80g
GBW04119	Uranium-productive rock	U, SiO <sub>2</sub> , Al <sub>2</sub> O <sub>3</sub> , Fe <sub>2</sub> O <sub>3</sub> , FeO, CaO, MgO, K <sub>2</sub> O, Na <sub>2</sub> O, TiO <sub>2</sub> , MnO, S, P <sub>2</sub> O <sub>5</sub> , H <sub>2</sub> O+	80g
GBW04120	Uranium-productive rock	U, SiO <sub>2</sub> , Al <sub>2</sub> O <sub>3</sub> , Fe <sub>2</sub> O <sub>3</sub> , FeO, CaO, MgO, K <sub>2</sub> O, Na <sub>2</sub> O, TiO <sub>2</sub> , MnO, S, P <sub>2</sub> O <sub>5</sub> , H <sub>2</sub> O+, CO <sub>2</sub> (t), CO <sub>2</sub> , Org.C	80g
GBW04121	Uranium-productive rock	U, SiO <sub>2</sub> , Al <sub>2</sub> O <sub>3</sub> , Fe <sub>2</sub> O <sub>3</sub> , FeO, CaO, MgO, K <sub>2</sub> O, Na <sub>2</sub> O, TiO <sub>2</sub> , MnO, S, P <sub>2</sub> O <sub>5</sub> , H <sub>2</sub> O+	80g
GBW04122	Uranium-productive rock	U, SiO <sub>2</sub> , Al <sub>2</sub> O <sub>3</sub> , Fe <sub>2</sub> O <sub>3</sub> , FeO, CaO, MgO, K <sub>2</sub> O, Na <sub>2</sub> O, TiO <sub>2</sub> , MnO, S, P <sub>2</sub> O <sub>5</sub> , H <sub>2</sub> O+	80g
GBW04123	Uranium tailings	As, Ba, Cr, F, Hg, Pb, Th, Ni, Zn, Be, U, Cd, Cu, 210Pb, 226Ra, 230Th	50g
GBW04124	Uranium tailings	As, Ba, Cr, F, Hg, Th, Ni, Zn, Be, U, Cd, Cu, 210Pb, 226Ra, 230Th, 228Ra, 228Th	50g
GBW04125	Uranium tailings	As, Ba, Cr, F, Hg, Th, Ni, Zn, Be, U, Cd, Cu, 210Pb, 226Ra, 230Th	50g
GBW04126	Uranium tailings	As, Ba, Cr, F, Hg, Pb, Th, Ni, Zn, Be, U, Cd, Cu, 210Pb, 226Ra, 230Th	50g
GBW04127	Uranium series and thorium series ore	238U, 234U, 232Th, 230Th, 228Ra, 210Pb, 40K	50g
GBW04128	U, Th, Ra, K in uranium ore	U, Th, Ra, K <sub>2</sub> O	50g
GBW04129	U, Th, Ra, K in uranium ore	U, Th, Ra, K <sub>2</sub> O	50g
GBW04130	Uranium-bearing sandstone	U, Th, SiO <sub>2</sub> , Al <sub>2</sub> O <sub>3</sub> , Fe <sub>2</sub> O <sub>3</sub> , FeO, CaO, MgO, K <sub>2</sub> O, Na <sub>2</sub> O, TiO <sub>2</sub> , MnO, C,	50g



Product Code	Product Name	Properties	Package
		S, P2O5, MoO3, V, Ra	
GBW04201	Triuranium octoxide	(99.945±0.020)%	25g
GBW04202	Boron in triuranium octoxide	(0.15±0.03)×10 <sup>-6</sup>	10g
GBW04203	Boron in triuranium octoxide	(0.19±0.05)×10 <sup>-6</sup>	10g
GBW04204	Boron in triuranium octoxide	(0.50±0.05)×10 <sup>-6</sup>	10g
GBW04205	Uranium and impurities in triuranium octoxide	Al, [As], B, [Ba], Ca, [Cd], Cr, Cu, [Dy], [Eu], Fe, [Gd], K, Mg, Mn, Mo, [Na], Ni, P, Pb, Si, [Sm], Th, Ti, V, W, [Zn], [Zr], U	50g
GBW04206	Sm, Eu, Gd, Dy in triuranium octoxide	Sm: (0.055±0.007)×10 <sup>-6</sup> ; Eu: (0.051±0.010)×10 <sup>-6</sup> ; Gd: (0.052±0.006)×10 <sup>-6</sup> ; Dy: (0.054±0.008)×10 <sup>-6</sup>	25g
GBW04207	Sm, Eu, Gd, Dy in triuranium octoxide	Sm: (0.105±0.008)×10 <sup>-6</sup> ; Eu: (0.101±0.004)×10 <sup>-6</sup> ; Gd: (0.102±0.004)×10 <sup>-6</sup> ; Dy: (0.104±0.006)×10 <sup>-6</sup>	25g
GBW04208	Impurities of triuranium octoxide	Ag, Ca, Cd, Cr, Cu, Fe, Mg, Mn, Mo, Ni, Pb, Sn	25g
GBW04209	Impurities of triuranium octoxide	Ag, Ca, Cd, Cr, Cu, Fe, Mg, Mn, Mo, Ni, Pb, Sn	25g
GBW04210	Impurities of triuranium octoxide	Ag, Ca, Cd, Cr, Cu, Fe, Mg, Mn, Mo, Ni, Pb, Sn	25g
GBW04211	Impurities of triuranium octoxide	Ag, Ca, Cd, Cr, Cu, Fe, Mg, Mn, Mo, Ni, Pb, Sn	25g
GBW04212	Tungsten in triuranium octoxide	(28.0±3.2)×10 <sup>-6</sup>	25g
GBW04213	Tungsten in triuranium octoxide	(44.8±4.8)×10 <sup>-6</sup>	25g
GBW04214	Tungsten in triuranium octoxide	(70±14)×10 <sup>-6</sup>	25g
GBW04215	Tungsten in triuranium octoxide	(112±21)×10 <sup>-6</sup>	25g
GBW04216	Silicon in triuranium octoxide	(27.7±5.0)×10 <sup>-6</sup>	25g
GBW04217	Silicon in triuranium octoxide	(44.3±6.0)×10 <sup>-6</sup>	25g
GBW04218	Silicon in triuranium octoxide	(69.1±4.6)×10 <sup>-6</sup>	25g
GBW04219	Silicon in triuranium octoxide	(110.4±8.0)×10 <sup>-6</sup>	25g
GBW04220	Uranium isotopic abundance in triuranium hexafluoride	234U, 235U, 236U, 238U	10g





Product Code	Product Name	Properties	Package
GBW04221	Uranium isotopic abundance in triuranium hexafluoride	234U, 235U, 236U, 238U	10g
GBW04222	Uranium isotopic abundance in triuranium hexafluoride	234U, 235U, 236U, 238U	10g
GBW04223	Uranium isotopic abundance in triuranium hexafluoride	234U, 235U, 236U, 238U	10g
GBW04224	Uranium isotopic abundance in triuranium hexafluoride	234U, 235U, 236U, 238U	10g
GBW04225	Uranium isotopic abundance in triuranium hexafluoride	234U, 235U, 236U, 238U	10g
GBW04226	Uranium isotopic abundance in triuranium hexafluoride	234U, 235U, 236U, 238U	10g
GBW04227	Uranium isotopic abundance in triuranium hexafluoride	234U, 235U, 236U, 238U	10g
GBW04228	Uranium and impurities in uranium tetrafluoride	Cr, Fe, Mo, Ni, Ti, U	10g
GBW04229	Uranium and impurities in uranium tetrafluoride	Cr, Fe, Mo, Ni, Ti, U	10g
GBW04230	Impurities in uranium dioxide pellet powder	Al, Ba, Bi, Co, In, Ta, Th, Ti, V	10g
GBW04230a	Impurities in uranium dioxide pellet powder	Al, Ba, Bi, Co, In, Ta, Th, Ti, V	10g
GBW04231	Impurities in uranium dioxide pellet powder	Al, Ba, Bi, Co, In, Ta, Th, Ti, V	10g
GBW04231a	Impurities in uranium dioxide pellet powder	Al, Ba, Bi, Co, In, Ta, Th, Ti, V	10g
GBW04232	Impurities of triuranium octoxide	B, Bi, Cd, Cr, Mo, Na, Nb, Ru, Sb, Ta, Ti, V, W, Zn, Zr	25g
GBW04233	Uranium isotopic abundance in uranium hexafluoride	234U, 235U, 238U	3g
GBW04234	Uranium isotopic abundance in uranium hexafluoride	234U, 235U, 236U, 238U	3g



Product Code	Product Name	Properties	Package
GBW04235	Uranium isotopic abundance in uranium hexafluoride	234U, 235U, 236U, 238U	3g
GBW04236	Uranium isotopic abundance in uranium hexafluoride	234U, 235U, 236U, 238U	3g
GBW04237	Uranium isotopic abundance in uranium hexafluoride	234U, 235U, 236U, 238U	3g
GBW04238	Uranium isotopic abundance in uranium hexafluoride	234U, 235U, 236U, 238U	3g
GBW04239	Uranium isotopic abundance in uranium hexafluoride	234U, 235U, 236U, 238U	3g
GBW04240	Uranium isotopic abundance in uranium hexafluoride	234U, 235U, 236U, 238U	3g
GBW04241	Uranium content in uranium dioxide pellet	(88.109±0.020)%	20g
GBW04301	Pure uranium powder standard radioactive source	0.104%, U=3%	100g
GBW04302a	Pure uranium powder standard radioactive source	0.435%, U=3%	100g
GBW04303	Pure uranium powder standard radioactive source	1.331%, U=3%	100g
GBW04304a	Uranium-radium equilibrium powder standard radioactive source	Ra: $2.29 \times 10^{-10}$ , U=4%; U: $0.068 \times 10^{-2}$ , U=3%	100g
GBW04305a	Uranium-radium equilibrium powder standard radioactive source	Ra: $1.06 \times 10^{-9}$ , U=4%; U: $0.068 \times 10^{-2}$ , U=3%	100g
GBW04306a	Uranium-radium equilibrium powder standard radioactive source	Ra: $3.85 \times 10^{-10}$ , U=4%; U: $1.198 \times 10^{-2}$ , U=3%	100g
GBW04307a	Thorium powder standard radioactive source	1.152%, U=3%	100g
GBW04308	Thorium powder standard radioactive source	0.341%, U=3%	100g
GBW04309a	Thorium powder standard radioactive source	0.066%, U=6%	100g



Product Code	Product Name	Properties	Package
GBW04310	Thorium liquid standard radioactive source	12.6mg, U=6%	10mL
GBW04311	Thorium liquid standard radioactive source	2.59mg, U=6%	10mL
GBW04312	226Ra standard radioactive source in barium radium carbonate	$1.14 \times 10^{-7}$ , U=3%	1g
GBW04313a	226Ra standard radioactive source in barium radium carbonate	$1.41 \times 10^{-8}$ , U=3%	1g
GBW04314a	226Ra standard radioactive source in barium radium carbonate	$3.45 \times 10^{-9}$ , U=3%	1g
GBW04315a	226Ra standard radioactive source in barium radium carbonate	$7.62 \times 10^{-10}$ , U=3%	1g
GBW04316	226Ra standard radioactive source in barium radium carbonate	$3.14 \times 10^{-11}$ , U=4%	1g
GBW04317	226Ra standard radioactive source in barium radium carbonate	$3.44 \times 10^{-6}$ , U=3%	1g
GBW04318	3H n-hexadecane standard solution	$10^{-4} \sim 10^{-6}$ Bq/g, U=0.8%	1g
GBW04319	14C n-hexadecane standard solution	$10^{-4} \sim 10^{-6}$ Bq/g, U=0.7%	1g
GBW04320	3H n-hexadecane quenched source series for liquid scintillation counting	$1 \times 10^{-3} \sim 9 \times 10^{-3}$ Bq, U=1.0%	set(10)
GBW04321	14C n-hexadecane quenched source series for liquid scintillation counting	500~5000Bq, U=1.0%	set(10)
GBW04322	137Cs radioactivity	$3.7 \times 10^{-4} \sim 3.7 \times 10^{-6}$ Bq/g, U=0.4%	1.36450g in 2mL ampoule
GBW04323	60Co radioactivity	$3.7 \times 10^{-4} \sim 3.7 \times 10^{-6}$ Bq/g, U=0.2%	1.36450g in 2mL ampoule
GBW04324	Uranium-radium equilibrium powder standard	Ra: $35.75 \times 10^{-12}$ , U=4%; U: $1.176 \times 10^{-5}$ , U=4%	100g



Product Code	Product Name	Properties	Package
	radioactive source		
GBW04325	Thorium powder standard radioactive source	$44.4 \times 10^{-4}$ , U=6%	100g
GBW04326	40K powder standard radioactive source	40K: $(3.13 \pm 0.03)$ Bq/g; K: $(10.23 \pm 0.08)\%$	100g
GBW04327	40K powder standard radioactive source	40K: $(1.54 \pm 0.02)$ Bq/g; K: $(5.04 \pm 0.06)\%$	100g
GBW04328	Neptunium-237 radioactivity standard solution	$(1702 \pm 35)$ Bq/g	2g
GBW04401 ~04404	Standard water sample of hydrogen and oxygen isotopes	$\delta$ 18OV-SMOW, $\delta$ DV-SMOW	set(4)
GBW04405	Isotope of carbon and oxygen in carbonate	$\delta$ 13CVPDB: $(0.57 \pm 0.03) \times 10^{-3}$ ; $\delta$ 18OVPDB: $(-8.49 \pm 0.14) \times 10^{-3}$	10g
GBW04406	Isotope of carbon and oxygen in carbonate	$\delta$ 13CVPDB: $(-10.85 \pm 0.05) \times 10^{-3}$ ; $\delta$ 18OVPDB: $(-12.40 \pm 0.15) \times 10^{-3}$	10g
GBW04407	Isotope of carbon in charcoal black	$\delta$ 13CVPDB: $(-22.43 \pm 0.07) \times 10^{-3}$	10g
GBW04408	Isotope of carbon in charcoal black	$\delta$ 13CVPDB: $(-236.91 \pm 0.10) \times 10^{-3}$	10g
GBW04409	Oxygen isotope of silicate (quartz)	$\delta$ 18OV-SMOW: $(11.11 \pm 0.06) \times 10^{-3}$	10g
GBW04410	Oxygen isotope of silicate (quartz)	$\delta$ 18OV-SMOW: $(-1.75 \pm 0.08) \times 10^{-3}$	10g
GBW04411	Certified reference material for Rb-Sr dating (potassium feldspar)	Rb: $(249.47 \pm 1.04) \times 10^{-6}$ , Sr: $(158.92 \pm 0.70) \times 10^{-6}$ , $^{87}\text{Sr}/^{86}\text{Sr}$ : $0.75999 \pm 0.00020$	10g
GBW04412	Uranium-series dating method	$^{234}\text{U}/^{238}\text{U}$ : $1.86 \pm 0.04$ ; U: $(9.13 \pm 0.28) \times 10^{-6}$ ; age: $(85 \pm 4) \times 10^3$ ; $^{230}\text{Th}/^{234}\text{U}$ : $0.57 \pm 0.02$	10g
GBW04413	Uranium-series dating method	$^{234}\text{U}/^{238}\text{U}$ : $1.42 \pm 0.04$ ; U: $(2.20 \pm 0.17) \times 10^{-6}$ ; age: $(118 \pm 6) \times 10^3$ ; $^{230}\text{Th}/^{234}\text{U}$ : $0.69 \pm 0.02$	10g
GBW04414	Isotope of sulphur in silver sulfide	$\delta$ 33SCDT: $(-0.02 \pm 0.11) \times 10^{-3}$ ; $\delta$ 34SCDT: $(-0.07 \pm 0.13) \times 10^{-3}$	5g
GBW04415	Isotope of sulphur in silver sulfide	$\delta$ 33SCDT: $(11.36 \pm 0.14) \times 10^{-3}$ ; $\delta$ 34SCDT: $(22.15 \pm 0.14) \times 10^{-3}$	5g
GBW04416	Carbon and oxygen stable isotopes in calcium carbonate	$\delta$ 13PDB: $(1.61 \pm 0.03) \times 10^{-3}$ ; $\delta$ 18OVPDB: $(-11.59 \pm 0.11) \times 10^{-3}$	2g
GBW04417	Carbon and oxygen stable isotopes in calcium carbonate	$\delta$ 13PDB: $(-6.06 \pm 0.06) \times 10^{-3}$ ; $\delta$ 18OVPDB: $(-24.12 \pm 0.19) \times 10^{-3}$	4g



Product Code	Product Name	Properties	Package
GBW04418	The hornblende reference material using Ar40-Ar39 dating	K: (0.729±0.005)%, age: (2060±8)Ma	6.3g
GBW04419	Whole-rock RM for Sm-Nd isotopic dating	Sm: (3.03±0.04)×10 <sup>-6</sup> , Nd: (10.10±0.12)×10 <sup>-6</sup> , 143Nd/144Nd: 0.512725±0.000007	10g
GBW04421	Certified reference material for silicon isotope	δ 30SiNBS-28: (-0.02±0.10)×10 <sup>-3</sup>	4g
GBW04422	Certified reference material for silicon isotope	δ 30SiNBS-28: (-2.68±0.10)×10 <sup>-3</sup>	4g
GBW04423	Oxygen isotope in pitchblende	δ 18OV-SMOW: (-8.10±0.07)×10 <sup>-3</sup>	0.6g
GBW04424	Lead isotopes	204Pb/206Pb: 0.000167±0.000002; 207Pb/206Pb: 0.114561±0.000011; 208Pb/206Pb: 0.007171±0.000031	5mg
GBW04425	Lead isotopes	204Pb/206Pb: 0.114561±0.000002; 207Pb/206Pb: 0.469430±0.000041; 208Pb/206Pb: 1.00647±0.00012	5mg
GBW04426	Lead isotopes	204Pb/206Pb: 0.055782±0.000029; 207Pb/206Pb: 0.86765±0.00007; 208Pb/206Pb: 2.12798±0.00016	5mg
GBW04427	Lead isotopes	204Pb/206Pb: 0.051373±0.000024; 207Pb/206Pb: 0.80192±0.00013; 208Pb/206Pb: 6.96556±0.00044	1.5mg
GBW04428	234U/238U active ratio	234U/238U: 0.99±0.03; U: (0.999)mg/mL	15mL
GBW04429	234U/238U active ratio	234U/238U: 3.9±0.2; U: (1.00)mg/mL	15mL
GBW04430	230Th/232Th active ratio	230Th/232Th: 0.19±0.01; Th: (0.998)mg/mL	15mL
GBW04431	230Th/232Th active ratio	230Th/232Th: 4.8±0.1; Th: (0.997)mg/mL	15mL
GBW04432	Lithium isotope abundance ratio	6Li/7Li: 9.817±0.015	5mg
GBW04433	226Ra/228Ra active ratio	226Ra/228Ra: 0.326±0.007; 226Ra: (0.93)Bq/mL	15mL
GBW04434	226Ra/228Ra active ratio	226Ra/228Ra: 0.34±0.08; 226Ra: (9.34)Bq/mL	15mL
GBW04435	Reference material for Re-Os dating	Re: (283.8±6.2)μg/g, 187Os: (659±14)ng/g, age: (221.4±5.6)Ma	7g
GBW04436	Reference material for Re-Os dating	Re: (17.39±0.32)μg/g, 187Os: (25.46±0.60)ng/g, age: (139.6±3.8)Ma	7g
GBW04437	Isotopic abundance ratios of zinc in Zn(NO3)2	64Zn/66Zn: 1.7629, U=0.14%; 67Zn/66Zn: 0.14483, U=0.071%; 68Zn/66Zn:	1.5mL



Product Code	Product Name	Properties	Package
	solution	0.66535, U=0.13%; 70Zn/66Zn: 0.02120, U=0.78%	
GBW04438	Isotopic abundance ratios of samarium in Sm(NO <sub>3</sub> ) <sub>3</sub> solution	144Sm/152Sm: 0.11551, U=0.094%; 147Sm/152Sm: 0.56172, U=0.090%; 148Sm/152Sm: 0.42131, U=0.092%; 149Sm/152Sm: 0.51758, U=0.092%; 150Sm/152Sm: 0.27571, U=0.112%; 154Sm/152Sm: 0.84990, U=0.088%	1.5mL
GBW04440	Isotopic abundances of neodymium in Nd(NO <sub>3</sub> ) <sub>3</sub> Solution	142Nd, 143Nd, 144Nd, 145Nd, 146Nd, 148Nd, 150Nd	1.5mL
GBW04441	Enriched isotope 111Cd spike solution	106Cd/111Cd: 0.0000923±0.0000012; 108Cd/111Cd: 0.0001067±0.0000015; 110Cd/111Cd: 0.006247±0.000018; 112Cd/111Cd: 0.018548±0.000053; 113Cd/111Cd: .004377±0.000013; 114Cd/111Cd: 0.006102±0.000019; 116Cd/111Cd: 0.0009359±0.0000081; Cd: (5.680±0.011)×10 <sup>-08</sup> mol/g	5mL
GBW04442	Enriched isotope 207Pb spike solution	204Pb/207Pb: 0.0010554±0.0000063; 206Pb/207Pb: 0.015749±0.000066; 208Pb/207Pb: 0.18194±0.00023; Pb: (1.9361±0.0039)×10 <sup>-08</sup> mol/g	5mL
GBW04443	Enriched isotope 202Hg spike solution	196Hg/202Hg: 0.0003832±0.0000030; 198Hg/202Hg: 0.000831±0.000038; 199Hg/202Hg: 0.002290±0.000065; 200Hg/202Hg: 0.003387±0.000086; 201Hg/202Hg: 0.002245±0.000054; 204Hg/202Hg: 0.001903±0.000033; Hg: (2.978±0.024)×10 <sup>-08</sup> mol/g	5mL
GBW04444	Isotopic abundances of iron in Fe(NO <sub>3</sub> ) <sub>3</sub>	54Fe abundance: (0.00594±0.00021)%; 56Fe abundance: (99.9405±0.0044)%; 57Fe abundance: (0.04228±0.00025)%; 58Fe abundance: (0.0113±0.0048 )%	2mL
GBW04445	Isotopic abundances of iron in Fe(NO <sub>3</sub> ) <sub>3</sub>	54Fe abundance: (99.9048±0.0016)%; 56Fe abundance: (0.0937±0.0017)%; 57Fe abundance: (0.00153±0.00020)%	2mL
GBW04446	Isotopic abundances of iron in Fe(NO <sub>3</sub> ) <sub>3</sub>	54Fe abundance: (5.8363±0.0062)%; 56Fe abundance: (91.7621±0.0066)%; 57Fe abundance: (2.1219±0.0057)%; 58Fe abundance: (0.2797±0.0079 )%	2mL
GBW04447	Selenium isotopic reference material in selenious acid solution	78Se/76Se: 0.020526±0.000007; 80Se/76Se: 0.019722±0.000009; 82Se/76Se: 0.019680±0.000008; 74Se/76Se: 0.000749±0.000040; 77Se/76Se: 0.00415± 0.00008	2mL

Product Code	Product Name	Properties	Package
GBW04448	Selenium isotopic reference material in selenious acid solution	78Se/76Se: 0.050555±0.000024; 80Se/76Se: 0.049379±0.000026; 82Se/76Se: 0.051232±0.000027; 74Se/76Se: 0.001234±0.000029; 77Se/76Se: 0.009591±0.00008	2mL
GBW04449	Selenium isotopic reference material in selenious acid solution	78Se/76Se: 0.102274±0.000051; 80Se/76Se: 0.101196±0.000035; 82Se/76Se: 0.101567±0.000049; 74Se/76Se: 0.002127±0.000037; 77Se/76Se: 0.017375±0.000004	2mL
GBW04450	Selenium isotopic reference material in selenious acid solution	78Se/76Se: 0.20400±0.00007; 80Se/76Se: 0.20244±0.00009; 82Se/76Se: 0.20670±0.00008; 74Se/76Se: 0.003929±0.000042; 77Se/76Se: 0.031944±0.000012	2mL
GBW04451	Selenium isotopic reference material in selenious acid solution	78Se/76Se: 0.40375±0.00013; 80Se/76Se: 0.39891±0.00016; 82Se/76Se: 0.39912±0.00016; 74Se/76Se: 0.007334±0.000040; 77Se/76Se: 0.060682±0.000029	2mL
GBW04452	Selenium isotopic reference material in selenious acid solution	78Se/76Se: 0.93100±0.00027; 80Se/76Se: 0.92710±0.00029; 82Se/76Se: 0.93799±0.00035; 74Se/76Se: 0.016536±0.000009; 77Se/76Se: 0.135987±0.000044	2mL
GBW04453	Selenium isotopic reference material in selenious acid solution	78Se/76Se: 2.5608±0.0009; 80Se/76Se: 2.5354±0.0010; 82Se/76Se: 2.5211±0.0014; 74Se/76Se: 0.044406±0.000027; 77Se/76Se: 0.36330±0.00008	2mL
GBW04454	Selenium isotopic reference material in selenious acid solution	78Se/76Se: 5.4564±0.0025; 80Se/76Se: 5.4047±0.0027; 82Se/76Se: 5.3985±0.0032; 74Se/76Se: 0.09376±0.00010; 77Se/76Se: 0.73826±0.00019	2mL
GBW04455	Selenium isotopic reference material in selenious acid solution	78Se/76Se: 10.1225±0.0043; 80Se/76Se: 9.9670±0.0046; 82Se/76Se: 10.0997±0.0042; 74Se/76Se: 0.09390±0.00006; 77Se/76Se: 0.79040±0.00019	2mL
GBW04456	Selenium isotopic reference material in selenious acid solution	78Se/76Se: 15.0034±0.0044; 80Se/76Se: 14.8697±0.0050; 82Se/76Se: 15.1890±0.0054; 74Se/76Se: 0.09480±0.00013; 77Se/76Se: 0.79348±0.00025	2mL
GBW04457	Selenium isotopic reference material in selenious acid solution	78Se/76Se: 2.5675±0.0012; 80Se/76Se: 5.3980±0.0023; 82Se/76Se: 0.95588±0.00055; 74Se/76Se: 0.09534±0.00010; 77Se/76Se: 0.82329±0.00024	2mL





Product Code	Product Name	Properties	Package
GBW06101c	Sodium carbonate purity	99.982%, U=0.008%	50g
GBW06102	Purity of ethylenediamine tetraacetic acid disodium salt (complexometric standard)	99.979%, U=0.005%	25g
GBW06103a	Sodium chloride purity (assay standard for chloride)	99.995%, U=0.005%	50g
GBW06103b	Sodium chloride purity (assay standard for chloride)	99.987%, U=0.008%	50g
GBW06104	Purity of benzene	99.95%, U=0.03%	5mL
GBW06105	Potassium dichromate purity (oxidimetric value)	99.998%, U=0.008%	50g
GBW06105c	Potassium dichromate purity (oxidimetric value)	99.988%, U=0.008%	50g
GBW06105d	Potassium dichromate purity (oxidimetric value)	99.979%, U=0.008%	50g
GBW06106	Potassium hydrogen phthalate purity	99.998%, U=0.01%	50g
GBW06106b	Potassium hydrogen phthalate purity	100%, U=0.01%	50g
GBW06106c	Potassium hydrogen phthalate purity	99.988%, U=0.008%	50g
GBW06107	Sodium oxalate purity (reductometric standard)	99.96%, U=0.02%	50g
GBW06107a	Sodium oxalate purity (reductometric standard)	99.98%, U=0.02%	50g
GBW06107b	Sodium oxalate purity (reductometric standard)	99.98%, U=0.02%	50g
GBW06107c	Sodium oxalate purity (reductometric standard)	99.97%, U=0.02%	50g
GBW06108a	Zinc oxide purity (complexometric value)	99.97%, U=0.04%	50g
GBW06109a	Potassium chloride purity (assay standard for chloride)	99.97%, U=0.04%	50g
GBW06110	Potassium iodate purity (oxidimetric value)	99.91%, U=0.03%	50g
GBW06110a	Potassium iodate purity (oxidimetric value)	99.96%, U=0.02%	50g
GBW06110d	Potassium iodate purity (oxidimetric value)	99.95%, U=0.02%	50g
GBW06111	Purity of methanol	99.7%, U=0.3%	2mL



Product Code	Product Name	Properties	Package
GBW06112	Purity of ethanol	99.8%, U=0.3%	2mL
GBW06113	Purity of acetonitrile	99.8%, U=0.3%	2mL
GBW06114	Purity of ethylacetate	99.7%, U=0.4%	2mL
GBW06115	Purity of acetone	99.2%, U=0.4%	2mL
GBW06116	Purity of hexane	98.2%, U=0.4%	2mL
GBW06409 GBW(E)060543	Monocrotophos	99.9%, U=0.3%	0.1g
GBW06410 GBW(E)060544	Isocarbophos	99.6%, U=0.4%	0.1g
GBW06411 GBW(E)060545	Fenamiphos	99.5%, U=0.4%	0.1g
GBW06412	Methomyl	99.9%, U=0.3%	0.1g
GBW06413 GBW(E)060550	Amitraz	99.5%, U=0.4%	0.1g
GBW06414 GBW(E)060547	Buprofezin	99.6%, U=0.4%	0.1g
GBW06415 GBW(E)060548	Bifenthrin	99.6%, U=0.4%	0.1g
GBW06416 GBW(E)060549	Permethrin	99.9%, U=0.4%	0.1g
GBW06417 GBW(E)060551	Paclobutrazol	99.7%, U=0.4%	0.1g
GBW06418 BW3811	Malachite green oxalate salt	99.1%, U=0.8%	0.1g
GBW06419	Leucomalachite green	99.2%, U=0.6%	0.1g



Product Code	Product Name	Properties	Package
BW3812			
GBW06420 BW3813	Crystal violet	98.9%, U=0.9%	0.1g
GBW06421 BW3814	Leucocrystal violet	99.7%, U=0.5%	0.1g
GBW06501	Nitrogen and biuret in urea	B: (2.4×10 <sup>-6</sup> ), Biuret: (1.38±0.04)%, Ca: (1.1×10 <sup>-6</sup> ), Fe: (1.1×10 <sup>-6</sup> ), Mn: (0.2×10 <sup>-6</sup> ), N: (46.30±0.12)%	35g
GBW06502	Phosphorus and nitrogen in ammonium dihydrogen phosphate	Ca: (2.1)μg/g, Fe: (3.5)μg/g, Mg: (0.2)μg/g, N: (12.08±0.04)%, P: (26.85±0.04)%	30g
GBW06503	Potassium in potassium sulfate	K: (44.79±0.12)%; Ca: (67.6)μg/g; Mg: (4.0)μg/g; Mn: (0.2)μg/g; Fe: (4.7)μg/g	40g
GBW07101	Ultrabasic rock	Cr <sub>2</sub> O <sub>3</sub> , SiO <sub>2</sub> , Al <sub>2</sub> O <sub>3</sub> , [Fe <sub>2</sub> O <sub>3</sub> ], [FeO], MgO, CaO, TiO <sub>2</sub> , P <sub>2</sub> O <sub>5</sub> , MnO, Na <sub>2</sub> O, K <sub>2</sub> O, H <sub>2</sub> O+, CO <sub>2</sub> , S, NiO, CoO, V <sub>2</sub> O <sub>5</sub> , Cl, Fe <sub>2</sub> O <sub>3</sub> (t), Pt, Pd, Rh, Ir, Os, Ru, Ag, As, Au, B, Ba, Cu, F, Ga, Ge, Hg, Li, Pb, Sc, Sr, Zn, [Br], [Cd], [Sb], Ce, Dy, Eu, Gd, Ho, La, Lu, Nd, Sm, Tb, Tm, Yb, [Er], [Pn], [Y]	150g
GBW07102	Ultrabasic rock	Cr <sub>2</sub> O <sub>3</sub> , SiO <sub>2</sub> , Al <sub>2</sub> O <sub>3</sub> , [Fe <sub>2</sub> O <sub>3</sub> ], [FeO], MgO, CaO, TiO <sub>2</sub> , P <sub>2</sub> O <sub>5</sub> , MnO, Na <sub>2</sub> O, K <sub>2</sub> O, H <sub>2</sub> O+, CO <sub>2</sub> , S, NiO, CoO, V <sub>2</sub> O <sub>5</sub> , Cl, Fe <sub>2</sub> O <sub>3</sub> (t), Pt, Pd, Rh, Ir, Os, Ru, Ag, [As], Au, B, Ba, Cu, F, Ga, Ge, [Hg], Li, Pb, Sc, Sr, Zn, [Br], [Cd], [Sb], Ce, Dy, Eu, Gd, Ho, La, Lu, Nd, Sm, Tb, [Tm], Yb, [Er], [Pn], [Y]	150g
GBW07103	Rock	Ag, As, B, Ba, Be, Bi, Cd, Ce, Cl, Co, Cr, Cs, Cu, Dy, Er, Eu, F, Ga, Gd, Ge, Hf, Hg, Ho, La, Li, Lu, Mn, Mo, Nb, Nd, Ni, P, Pb, Pr, Rb, S, Sb, Sc, Sm, Sn, Sr, Ta, Tb, Te, Th, Ti, Tl, Tm, U, V, W, Y, Yb, Zn, Zr, SiO <sub>2</sub> , Al <sub>2</sub> O <sub>3</sub> , Fe <sub>2</sub> O <sub>3</sub> (t), CaO, MgO, K <sub>2</sub> O, Na <sub>2</sub> O, H <sub>2</sub> O+, FeO, [L.O.I.], [Au], [In], [Se], [CO <sub>2</sub> ]	70g
GBW07104	Rock	Ag, As, B, Ba, Be, Bi, Cd, Ce, Cl, Co, Cr, Cs, Cu, Dy, Er, Ei, Eu, F, Ga, Gd,	70g



Product Code	Product Name	Properties	Package
		Ge, Hf, Hg, Ho, In, La, Li, Lu, Mn, Mo, Nb, Nd, Ni, P, Pb, Pr, Rb, S, Sb, Sc, Sm, Sn, Sr, Ta, Tb, Te, Th, Ti, Tl, Tm, U, V, Y, Yb, Zn, Zr, SiO <sub>2</sub> , Al <sub>2</sub> O <sub>3</sub> , Fe <sub>2</sub> O <sub>3</sub> (t), CaO, MgO, K <sub>2</sub> O, Na <sub>2</sub> O, CO <sub>2</sub> , FeO, Org.C, L.O.I., [Au], [I], [Se], [W], [H <sub>2</sub> O+]	
GBW07105	Rock	Ag, B, Ba, Be, Bi, Cd, Ce, Cl, Co, Cr, Cu, Dy, Er, Ei, Eu, F, Ga, Gd, Ge, Hf, Hg, Ho, La, Li, Lu, Mn, Mo, Nb, Nd, Ni, P, Pb, Pr, Rb, S, Sb, Sc, Se, Sm, Sn, Sr, Ta, Tb, Th, Ti, Tm, U, V, W, Y, Yb, Zn, Zr, SiO <sub>2</sub> , Al <sub>2</sub> O <sub>3</sub> , Fe <sub>2</sub> O <sub>3</sub> (t), CaO, MgO, K <sub>2</sub> O, H <sub>2</sub> O+, Na <sub>2</sub> O, FeO, [L.O.I.], [As], [Cs], [In], [Te], [Tl], [Au], [CO <sub>2</sub> ]	70g
GBW07106	Rock	Ag, As, B, Ba, Be, Bi, Cd, Ce, Cl, Co, Cr, Cs, Cu, Dy, Er, Ei, Eu, F, Ga, Gd, Ge, Hf, Hg, Ho, La, Li, Lu, Mn, Mo, Nb, Nd, Ni, P, Pb, Pr, Rb, S, Sb, Sc, Se, Sm, Sn, Sr, Ta, Tb, Te, Th, Ti, Tl, Tm, U, V, W, Y, Yb, Zn, Zr, SiO <sub>2</sub> , Al <sub>2</sub> O <sub>3</sub> , Fe <sub>2</sub> O <sub>3</sub> (t), CaO, MgO, K <sub>2</sub> O, H <sub>2</sub> O+, Na <sub>2</sub> O, FeO, Org.C, L.O.I., [In], [Au], [I], [CO <sub>2</sub> ]	70g
GBW07107	Rock	Ag, As, B, Ba, Be, Bi, Cd, Ce, Co, Cr, Cs, Cu, Dy, Er, Ei, Eu, F, Ga, Gd, Ge, Hf, Hg, Ho, In, La, Li, Lu, Mn, Mo, Nb, Nd, Ni, P, Pb, Pr, Rb, Sb, Sc, Se, Sm, Sn, Sr, Ta, Tb, Th, Ti, Tl, Tm, U, V, W, Y, Yb, Zn, Zr, SiO <sub>2</sub> , Al <sub>2</sub> O <sub>3</sub> , Fe <sub>2</sub> O <sub>3</sub> (t), CaO, MgO, K <sub>2</sub> O, Na <sub>2</sub> O, H <sub>2</sub> O+, FeO, [CO <sub>2</sub> ], [Org.C], [L.O.I.], [Au], [Cl], [I], [S], [Te]	70g
GBW07108	Rock	Ag, As, B, Ba, Be, Bi, Cd, Ce, Cl, Co, Cr, Cs, Cu, Dy, Ei, Eu, F, Ga, Gd, Ge, Hf, Hg, Ho, La, Li, Lu, Mn, Mo, Nb, Nd, Ni, P, Pb, Pr, Rb, S, Sb, Sc, Se, Sm, Sr, Ta, Tb, Th, Ti, Tl, Tm, U, V, W, Y, Yb, Zn, Zr, SiO <sub>2</sub> , Al <sub>2</sub> O <sub>3</sub> , Fe <sub>2</sub> O <sub>3</sub> (t), CaO, MgO, K <sub>2</sub> O, CO <sub>2</sub> , FeO, L.O.I., [Org.C], [Au], [Er], [I], [In], [Te], [Sn], [Na <sub>2</sub> O], [H <sub>2</sub> O+]	70g
GBW07109	Rock	As, B, Ba, Be, Bi, Br, Cd, Ce, Co, Cr, Cs, Cu, Dy, Eri, Eu, Ga, Gd, Ge, Hf,	100g



Product Code	Product Name	Properties	Package
		Hg, Ho, I, In, La, Li, Lu, Mo, Nb, Nd, Ni, Pb, Pr, Rb, Sb, Sc, Se, Sm, Sn, Sr, Ta, Tb, Te, Th, Tl, Tm, U, V, W, Y, Yb, Zn, Zr, SiO <sub>2</sub> , TiO <sub>2</sub> , Al <sub>2</sub> O <sub>3</sub> , Fe <sub>2</sub> O <sub>3</sub> , MnO, CaO, MgO, K <sub>2</sub> O, Na <sub>2</sub> O, CO <sub>2</sub> , H <sub>2</sub> O+, FeO, P <sub>2</sub> O <sub>5</sub> , F, S, Cl, [C(T)], [Ag]	
GBW07110	Rock	Ag, As, B, Ba, Be, Bi, Cd, Ce, Co, Cr, Cs, Cu, Dy, Eri, Eu, Ga, Gd, Ge, Hf, Hg, Ho, I, In, La, Li, Lu, Mo, Nb, Nd, Ni, Pb, Pr, Rb, Sb, Sc, Se, Sm, Sn, Sr, Ta, Tb, Th, Tl, Tm, U, V, W, Y, Yb, Zn, Zr, SiO <sub>2</sub> , TiO <sub>2</sub> , Al <sub>2</sub> O <sub>3</sub> , Fe <sub>2</sub> O <sub>3</sub> , MnO, CaO, MgO, K <sub>2</sub> O, Na <sub>2</sub> O, CO <sub>2</sub> , H <sub>2</sub> O+, FeO, P <sub>2</sub> O <sub>5</sub> , F, S, Cl, [C(T)], [Br], [Te]	100g
GBW07111	Rock	Ag, As, B, Ba, Be, Bi, Cd, Ce, Co, Cr, Cs, Cu, Dy, Eri, Eu, Ga, Gd, Ge, Hf, Hg, Ho, In, La, Li, Lu, Mo, Nb, Nd, Ni, Pb, Pr, Rb, Sb, Sc, Se, Sm, Sn, Sr, Ta, Tb, Te, Th, Tl, Tm, U, V, W, Y, Yb, Zn, Zr, SiO <sub>2</sub> , TiO <sub>2</sub> , Al <sub>2</sub> O <sub>3</sub> , Fe <sub>2</sub> O <sub>3</sub> , MnO, CaO, MgO, Na <sub>2</sub> O, K <sub>2</sub> O, CO <sub>2</sub> , H <sub>2</sub> O+, FeO, P <sub>2</sub> O <sub>5</sub> , F, S, Cl, [C(T)], [Br], [I]	100g
GBW07112	Rock	Ag, B, Ba, Bi, Cd, Ce, Co, Cr, Cu, Dy, Eri, Eu, Ga, Gd, Ge, Hf, Ho, I, In, La, Li, Lu, Nb, Nd, Ni, Pr, Sc, Se, Sm, Sn, Sr, Tb, Te, Tl, Tm, V, Y, Yb, Zn, Zr, SiO <sub>2</sub> , TiO <sub>2</sub> , Al <sub>2</sub> O <sub>3</sub> , Fe <sub>2</sub> O <sub>3</sub> , MnO, CaO, MgO, K <sub>2</sub> O, Na <sub>2</sub> O, CO <sub>2</sub> , H <sub>2</sub> O+, FeO, P <sub>2</sub> O <sub>5</sub> , F, S, Cl, [C(T)], [As], [Be], [Br], [Cs], [Hg], [Pb], [Mo], [Rb], [Sb], [Ta], [Th], [U], [W]	100g
GBW07113	Rock	Ag, As, B, Ba, Be, Bi, Cd, Ce, Co, Cr, Cs, Cu, Dy, Eri, Eu, Ga, Gd, Ge, Hf, Hg, Ho, In, La, Li, Lu, Mo, Nb, Nd, Ni, Pb, Pr, Rb, Sb, Sc, Se, Sm, Sn, Sr, Ta, Tb, Th, Tl, Tm, U, V, W, Y, Yb, Zn, Zr, SiO <sub>2</sub> , TiO <sub>2</sub> , Al <sub>2</sub> O <sub>3</sub> , Fe <sub>2</sub> O <sub>3</sub> , MnO, CaO, MgO, K <sub>2</sub> O, Na <sub>2</sub> O, CO <sub>2</sub> , H <sub>2</sub> O+, FeO, P <sub>2</sub> O <sub>5</sub> , F, S, [Cl], [C(T)], [Br], [I], [Te]	100g
GBW07114	Rock	Ag, As, B, Ba, Bi, Br, Cd, Ce, Co, Cr, Cs, Cu, Dy, Eri, Eu, Gd, Ge, Ho, I, La,	100g



Product Code	Product Name	Properties	Package
		Li, Lu, Nd, Ni, Sc, Se, Sm, Sn, Sr, Tb, Th, U, V, W, Yb, Zn, Zr, SiO <sub>2</sub> , TiO <sub>2</sub> , Al <sub>2</sub> O <sub>3</sub> , Fe <sub>2</sub> O <sub>3</sub> , MnO, CaO, MgO, K <sub>2</sub> O, CO <sub>2</sub> , FeO, P <sub>2</sub> O <sub>5</sub> , F, S, Cl, [C(T)], [Be], [Ga], [Hf], [Hg], [Mo], [Nb], [Rb], [In], [Pb], [Pr], [Sb], [Ta], [Te], [Tl], [Tm], [Na <sub>2</sub> O], [Y], [H <sub>2</sub> O+]	
GBW07120	Limestoone	As, Ba, Be, Bi, Ce, Dy, Er, Eu, F, Gd, Ge, Hf, Hg, La, Li, Lu, Mn, Mo, Nd, P, Pr, Rb, S, Sb, Se, Sm, Sr, Tb, Th, Ti, Tm, U, V, W, Yb, SiO <sub>2</sub> , Al <sub>2</sub> O <sub>3</sub> , Fe <sub>2</sub> O <sub>3</sub> (t), CaO, MgO, K <sub>2</sub> O, CO <sub>2</sub> , L.O.I., [Ag], [B], [Cd], [Cl], [Co], [Cr], [Cs], [Cu], [Ga], [Ho], [In], [Nb], [Ni], [Pb], [Sc], [Sn], [Ta], [Tl], [Y], [Zn], [Zr], [Na <sub>2</sub> O], [H <sub>2</sub> O+], [FeO]	70g
GBW07121	Granitic gneiss	Ag, As, B, Ba, Be, Bi, Ce, Co, Cr, Cs, Dy, Er, Eu, F, Ga, Gd, Ge, Hf, Hg, Ho, In, La, Li, Lu, Mn, Nb, Nd, Ni, P, Pb, Pr, Rb, Sb, Sc, Se, Sm, Sn, Sr, Tb, Th, Ti, Tm, V, W, Y, Yb, Zn, SiO <sub>2</sub> , Al <sub>2</sub> O <sub>3</sub> , Fe <sub>2</sub> O <sub>3</sub> (t), CaO, MgO, K <sub>2</sub> O, Na <sub>2</sub> O, CO <sub>2</sub> , FeO, L.O.I., [Cd], [Cl], [Cu], [Mo], [S], [Ta], [Tl], [U], [Zr], [H <sub>2</sub> O+]	70g
GBW07122	Amphibolite	As, B, Ba, Be, Cd, Ce, Co, Cr, Cs, Cu, Dy, Er, Eu, F, Ga, Gd, Ge, Hf, Hg, Ho, La, Li, Lu, Mn, Mo, Nb, Nd, Ni, P, Pr, Rb, Sc, Se, Sm, Sr, Tb, Te, Ti, Tm, V, W, Y, Yb, Zn, SiO <sub>2</sub> , Al <sub>2</sub> O <sub>3</sub> , Fe <sub>2</sub> O <sub>3</sub> (t), CaO, MgO, K <sub>2</sub> O, Na <sub>2</sub> O, FeO, L.O.I., [Ag], [Bi], [Cl], [Pb], [S], [Sb], [Sn], [Ta], [Th], [Tl], [U], [Zr], [CO <sub>2</sub> ], [H <sub>2</sub> O+]	70g
GBW07123	Diabase	Ag, As, B, Ba, Be, Bi, Cd, Ce, Co, Cr, Cs, Cu, Dy, Er, Eu, Ga, Gd, Ge, Hf, Hg, Ho, La, Li, Lu, Mo, Nb, Nd, Ni, Pb, Pr, Rb, Sb, Sc, Sm, Sn, Sr, Ta, Tb, Th, Tm, U, V, W, Y, Yb, Zn, Zr, Al <sub>2</sub> O <sub>3</sub> , CaO, MgO, K <sub>2</sub> O, Mn, Na <sub>2</sub> O, P <sub>2</sub> O <sub>5</sub> , SiO <sub>2</sub> , Fe <sub>2</sub> O <sub>3</sub> (t), TiO <sub>2</sub> , FeO, L.O.I., SO <sub>3</sub> , [Se], [CO <sub>2</sub> ], [Cl], [F], [H <sub>2</sub> O+]	70g
GBW07124	Kimberlite	As, Ba, Be, Cd, Ce, Co, Cr, Cs, Cu, Dy, Er, Eu, Ga, Gd, Ge, Hf, Hg, Ho, La, Li, Lu, Mo, Nb, Nd, Ni, Pb, Pr, Rb, Sc, Se, Sm, Sn, Sr, Ta, Tb, Th, Tm, U, V, W, Y, Yb, Zn, Zr, Al <sub>2</sub> O <sub>3</sub> , CaO, MgO, K <sub>2</sub> O, Mn, P <sub>2</sub> O <sub>5</sub> , SiO <sub>2</sub> , Fe <sub>2</sub> O <sub>3</sub> (t),	70g



Product Code	Product Name	Properties	Package
		TiO <sub>2</sub> , FeO, L.O.I., SO <sub>3</sub> , [CO <sub>2</sub> ], [Cl], [F], [H <sub>2</sub> O+], [Ag], [B], [Bi], [Sb], [Na <sub>2</sub> O]	
GBW07125	Pegmatite	As, B, Ba, Be, Bi, Cd, Cr, Cs, Cu, Dy, Er, Ga, Gd, Ge, Li, Lu, Mo, Nb, Nd, Pb, Pr, Rb, Sb, Sn, Sr, Ta, Th, V, W, Y, Yb, Zn, Zr, Al <sub>2</sub> O <sub>3</sub> , MgO, K <sub>2</sub> O, Na <sub>2</sub> O, P <sub>2</sub> O <sub>5</sub> , SiO <sub>2</sub> , Fe <sub>2</sub> O <sub>3</sub> (t), TiO <sub>2</sub> , L.O.I., SO <sub>3</sub> , [CO <sub>2</sub> ], [F], [H <sub>2</sub> O+], [Ag], [B], [Bi], [Ce], [Co], [Hf], [Hg], [Ho], [La], [Eu], [Ni], [Sc], [Se], [Sm], [Tb], [Tm], [U], [CaO], [Mn], [FeO]	70g
GBW07126	Basalt	SiO <sub>2</sub> , Al <sub>2</sub> O <sub>3</sub> , Fe <sub>2</sub> O <sub>3</sub> , FeO, Mn, MgO, CaO, Na <sub>2</sub> O, K <sub>2</sub> O, TiO <sub>2</sub> , P <sub>2</sub> O <sub>5</sub> , Ba, Cd, Ce, Co, Cr, Cs, Cu, Dy, Er, Eu, F, Ga, Gd, Ge, Hf, Ho, La, Li, Lu, Mo, Nb, Nd, Ni, Pr, Rb, S, Sb, Sc, Se, Sm, Sn, Sr, Ta, Tb, Th, Tm, U, V, W, Y, Yb, Zn, Zr	50g
GBW07127	Carbonate rock	Ag, Al <sub>2</sub> O <sub>3</sub> , As, Ba, Be, Bi, CaO, Cd, Ce, Cl, Co, CO <sub>2</sub> , Cr, Cs, Cu, Dy, Er, Eu, F, Fe <sub>2</sub> O <sub>3</sub> (t), FeO, Ga, Gd, Ge, H <sub>2</sub> O+, Hf, Hg, Ho, K <sub>2</sub> O, L.O.I., La, Li, Lu, MgO, Mn, MnO, Mo, Na <sub>2</sub> O, Nb, Nd, Ni, P, P <sub>2</sub> O <sub>5</sub> , Pb, Pr, Rb, Sb, Sc, Se, SiO <sub>2</sub> , Sm, SO <sub>3</sub> , Sr, Tb, Te, Th, Ti, TiO <sub>2</sub> , Tl, Tm, U, V, W, Y, Yb, Zn, Zr, [B], [Br], [Org.C], [H <sub>2</sub> O-], [I], [In], [Sn], [Ta]	50g
GBW07128	Carbonate rock	Ag, As, Ba, Be, Bi, Cd, Cl, Cr, Cs, Cu, F, Ga, Ge, Hf, Hg, Li, Mn, Mo, Nb, Ni, P, Pb, Sb, Sc, Se, Sr, Ta, Te, Th, Ti, Tl, U, V, W, Y, Yb, Zn, Zr, La, Ce, Pr, Nd, Sm, Eu, Gd, Tb, Dy, Ho, Er, Tm, Yb, Lu, Y, SiO <sub>2</sub> , Al <sub>2</sub> O <sub>3</sub> , Fe <sub>2</sub> O <sub>3</sub> (t), CaO, MgO, K <sub>2</sub> O, Na <sub>2</sub> O, TiO <sub>2</sub> , MnO, P <sub>2</sub> O <sub>5</sub> , SO <sub>3</sub> , H <sub>2</sub> O+, CO <sub>2</sub> , FeO, L.O.I., [B], [I], [In], [Sn], [Org.C], [Br], [Co], [H <sub>2</sub> O-]	50g
GBW07129	Carbonate rock	Ag, Al <sub>2</sub> O <sub>3</sub> , As, Ba, Be, Bi, Br, CaO, Cd, Ce, Cl, Co, CO <sub>2</sub> , Cr, Cs, Cu, Dy, Er, Eu, F, Fe <sub>2</sub> O <sub>3</sub> (t), FeO, Ga, Gd, Ge, H <sub>2</sub> O+, Hf, Hg, Ho, K <sub>2</sub> O, L.O.I., La, Li, Lu, MgO, Mn, MnO, Mo, Na <sub>2</sub> O, Nb, Nd, P, P <sub>2</sub> O <sub>5</sub> , Pb, Pr, Rb, Sb, Sc, Se, SiO <sub>2</sub> , Sm, SO <sub>3</sub> , Sr, Ta, Tb, Te, Th, Ti, TiO <sub>2</sub> , Tl, Tm, U, V, W, Y, Yb, Zn, Zr,	50g





Product Code	Product Name	Properties	Package
		[B], [Org.C], [H2O-], [I], [In], [Ni], [Sn]	
GBW07130	Carbonate rock	As, Ba, Be, Bi, Cd, Cl, Co, Cr, Cs, Cu, F, Ga, Ge, Hf, Hg, Mn, Mo, Nb, Ni, P, Pb, Sb, Sc, Sr, Ta, Te, Th, Ti, U, V, W, Y, Yb, Zn, Zr, La, Ce, Pr, Nd, Sm, Eu, Gd, Tb, Dy, Ho, Er, Tm, Yb, Lu, Y, SiO2, Al2O3, Fe2O3(t), CaO, MgO, K2O, Na2O, TiO2, MnO, P2O5, SO3, H2O+, CO2, FeO, L.O.I., [Br], [B], [I], [In], [Sn], [Ni], [Br], [Ag], [Li], [H2O-], [Se], [Tl], [Org.C]	50g
GBW07131	Carbonate rock	As, Ba, Be, Bi, Br, Cd, Cl, Co, Cr, Cs, Cu, F, Ga, Ge, Hf, Hg, Li, Mn, Mo, Nb, Ni, P, Pb, Sb, Sc, Se, Sr, Ta, Te, Th, Ti, Tl, U, V, W, Y, Yb, Zn, Zr, B, I, In, Sn, La, Ce, Pr, Nd, Sm, Eu, Gd, Tb, Dy, Ho, Er, Tm, Yb, Lu, Y, SiO2, Al2O3, Fe2O3(t), CaO, MgO, K2O, Na2O, TiO2, MnO, P2O5, SO3, H2O+, CO2, FeO, [Org.C], L.O.I., [B], [I], [In], [Sn], [Ni], [Ag], [Li], [H2O-]	50g
GBW07132	Carbonate rock	Ag, Al2O3, As, Ba, Be, Bi, CaO, Cd, Ce, Cl, Co, CO2, Cr, Cs, Cu, Dy, Er, Eu, F, Fe2O3(t), FeO, Ga, Gd, Ge, H2O+, Hf, Ho, K2O, L.O.I., La, Li, Lu, MgO, Mn, MnO, Mo, Na2O, Nb, Nd, Ni, P, P2O5, Pb, Pr, Rb, Sb, Sc, Se, SiO2, Sm, SO3, Sr, Ta, Tb, Te, Th, Ti, TiO2, Tl, Tm, U, V, W, Y, Yb, Zn, Zr, [B], [Br], [Org.C], [H2O-], [Hg], [I], [In], [Sn]	50g
GBW07133	Carbonate rock	Ag, As, Ba, Be, Bi, Br, Cd, Cl, Co, Cr, Cs, Cu, F, Ga, Hf, Hg, Li, Mn, Mo, Nb, Ni, P, Pb, Sb, Sc, Se, Sr, Ta, Te, Th, Ti, Tl, U, V, W, Y, Yb, Zn, Zr, B, I, In, Sn, La, Ce, Pr, Nd, Sm, Eu, Gd, Tb, Dy, Ho, Er, Tm, Yb, Lu, Y, SiO2, Al2O3, Fe2O3(t), CaO, MgO, K2O, Na2O, TiO2, MnO, P2O5, SO3, H2O+, CO2, FeO, Org.C, L.O.I., [Ge], [B], [I], [In], [Sn], [H2O-], [Org.C]	50g
GBW07134	Carbonate rock	Ag, As, Ba, Be, Bi, Br, Cd, Cl, Co, Cr, Cs, Cu, F, Ga, Ge, Hf, Hg, Li, Mn, Mo, Nb, Ni, P, Pb, Sb, Sc, Se, Sr, Ta, Te, Th, Ti, Tl, U, V, W, Y, Yb, Zn, Zr, La, Ce, Pr, Nd, Sm, Eu, Gd, Tb, Dy, Ho, Er, Tm, Yb, Lu, Y, SiO2, Al2O3, Fe2O3(t), CaO, MgO, K2O, Na2O, TiO2, MnO, P2O5, SO3, H2O+, CO2,	50g



Product Code	Product Name	Properties	Package
		FeO, L.O.I., [B], [I], [In], [Sn], [H2O-], [Org.C]	
GBW07135	Carbonate rock	Ag, As, Ba, Be, Bi, Br, Cd, Cl, Co, Cr, Cs, Cu, F, Ga, Ge, Hf, Hg, Li, Mn, Mo, Nb, Ni, P, Pb, Sb, Sc, Se, Sr, Ta, Te, Th, Ti, U, V, W, Y, Yb, Zn, Zr, La, Ce, Pr, Nd, Sm, Eu, Gd, Tb, Dy, Ho, Er, Tm, Yb, Lu, Y, SiO2, Al2O3, Fe2O3(t), CaO, MgO, K2O, Na2O, TiO2, MnO, P2O5, SO3, H2O+, CO2, FeO, L.O.I., [T], [B], [I], [In], [Sn], [H2O-], [Org.C]	50g
GBW07136	Carbonate rock	Ag, As, Ba, Be, Bi, Br, Cd, Cl, Co, Cr, Cs, Cu, F, Ga, Ge, Hf, Hg, Li, Mn, Mo, Nb, Ni, P, Pb, Sb, Sc, Se, Sr, Ta, Te, Th, Ti, Tl, U, V, W, Y, Yb, Zn, Zr, La, Ce, Pr, Nd, Sm, Eu, Gd, Tb, Ho, Er, Yb, Lu, Y, SiO2, Al2O3, Fe2O3(t), CaO, MgO, K2O, Na2O, TiO2, MnO, P2O5, FeO, L.O.I., [SO3], H2O+, [CO2], [Dy], [B], [I], [In], [Sn], [H2O-], [Org.C], [Tm]	50g
GBW07150	Beryllium ore	BeO, ΣREXOY, La2O3, CeO2, Pr6O11, Nd2O3, Sm2O3, Eu2O3, Gd2O3, Tb4O7, Dy2O3, Ho2O3, Er2O3, Tm2O3, Yb2O3, Lu2O3, Y2O3, Sc2O3, Al2O3, W, Mo, SiO2, Fe2O3(t), CaO, MgO, K2O, TiO2, MnO, H2O+, F, Na2O, L.O.I., [FeO], [P2O5]	100g
GBW07151	Beryllium ore	BeO, ΣREXOY, La2O3, CeO2, Pr6O11, Nd2O3, Sm2O3, Eu2O3, Gd2O3, Tb4O7, Dy3O3, Ho2O3, Er2O3, Tm2O3, Yb2O3, Lu2O3, Y2O3, Sc2O3, Al2O3, W, Mo, SiO2, Fe2O3(t), CaO, MgO, K2O, TiO2, MnO, H2O+, F, Na2O, L.O.I., [FeO], [P2O5]	100g
GBW07152	Lithium ore	BeO, Li2O, Rb2O, Cs2O, Ta2O5, Nb2O5, ΣREXOY, La2O3, CeO2, Pr6O11, Nd2O3, Sm2O3, Gd2O3, Tb4O7, Dy2O3, Ho2O3, Er2O3, Tm2O3, Yb2O3, Lu2O3, Sc2O2, Y2O3, Al2O3, W, SiO2, Fe2O3(t), CaO, MgO, K2O, TiO2, MnO, F, H2O+, Na2O, P2O5, L.O.I., [Eu2O3], [Sn], [FeO]	100g
GBW07153	Lithium ore	BeO, Li2O, Rb2O, Cs2O, Ta2O5, Nb2O5, ΣREXOY, CeO2, Pr6O11, Nd2O3, Sm2O3, Gd2O3, Tb4O7, Dy2O3, Ho2O3, Er2O3, Tm2O3, Yb2O3,	100g

Product Code	Product Name	Properties	Package
		Lu <sub>2</sub> O <sub>3</sub> , Sc <sub>2</sub> O <sub>3</sub> , Y <sub>2</sub> O <sub>3</sub> , Al <sub>2</sub> O <sub>3</sub> , W, SiO <sub>2</sub> , Fe <sub>2</sub> O <sub>3</sub> (t), CaO, MgO, K <sub>2</sub> O, TiO <sub>2</sub> , MnO, F, H <sub>2</sub> O+, Na <sub>2</sub> O, P <sub>2</sub> O <sub>5</sub> , L.O.I., Eu <sub>2</sub> O <sub>3</sub> , Sn, [FeO], [La <sub>2</sub> O <sub>3</sub> ], [Ho <sub>2</sub> O <sub>3</sub> ]	
GBW07154	Tantalum ore	BeO, Li <sub>2</sub> O, Rb <sub>2</sub> O, Cs <sub>2</sub> O, Ta <sub>2</sub> O <sub>5</sub> , ΣREXOY, CeO <sub>2</sub> , La <sub>2</sub> O <sub>3</sub> , Pr <sub>6</sub> O <sub>11</sub> , Nd <sub>2</sub> O <sub>3</sub> , Nb <sub>2</sub> O <sub>5</sub> , Sm <sub>2</sub> O <sub>3</sub> , Eu <sub>2</sub> O <sub>3</sub> , Gd <sub>2</sub> O <sub>3</sub> , Tb <sub>4</sub> O <sub>7</sub> , Dy <sub>2</sub> O <sub>3</sub> , Ho <sub>2</sub> O <sub>3</sub> , Er <sub>2</sub> O <sub>3</sub> , Tm <sub>2</sub> O <sub>3</sub> , Yb <sub>2</sub> O <sub>3</sub> , Y <sub>2</sub> O <sub>3</sub> , Lu <sub>2</sub> O <sub>3</sub> , Sc <sub>2</sub> O <sub>3</sub> , Al <sub>2</sub> O <sub>3</sub> , W, F, SiO <sub>2</sub> , Fe <sub>2</sub> O <sub>3</sub> (t), CaO, MgO, K <sub>2</sub> O, TiO <sub>2</sub> , MnO, H <sub>2</sub> O+, Na <sub>2</sub> O, P <sub>2</sub> O <sub>5</sub> , L.O.I., [Sn], [FeO]	100g
GBW07155	Tantalum ore	ΣREXOY, Al <sub>2</sub> O <sub>3</sub> , BeO, CaO, CeO <sub>2</sub> , CO <sub>2</sub> , Cs <sub>2</sub> O, Dy <sub>2</sub> O <sub>3</sub> , Er <sub>2</sub> O <sub>3</sub> , Eu <sub>2</sub> O <sub>3</sub> , F-, Fe <sub>2</sub> O <sub>3</sub> (t), Gd <sub>2</sub> O <sub>3</sub> , H <sub>2</sub> O+, Ho <sub>2</sub> O <sub>3</sub> , K <sub>2</sub> O, L.O.I., La <sub>2</sub> O <sub>5</sub> , Li <sub>2</sub> O, Lu <sub>2</sub> O <sub>3</sub> , MgO, MnO, Na <sub>2</sub> O, Nb <sub>2</sub> O <sub>5</sub> , Nd <sub>2</sub> O <sub>3</sub> , P <sub>2</sub> O <sub>5</sub> , Pr <sub>6</sub> O <sub>11</sub> , Rb <sub>2</sub> O, Sc <sub>2</sub> O <sub>3</sub> , SiO <sub>2</sub> , Sm <sub>2</sub> O <sub>3</sub> , Ta <sub>2</sub> O <sub>5</sub> , Tb <sub>4</sub> O <sub>7</sub> , TiO <sub>2</sub> , Tm <sub>2</sub> O <sub>3</sub> , W, Y <sub>2</sub> O <sub>3</sub> , Yb <sub>2</sub> O <sub>3</sub> , [FeO], [Sn]	100g
GBW07156	Zirconium ore	ZrO <sub>2</sub> , HfO <sub>2</sub> , ΣREXOY, La <sub>2</sub> O <sub>3</sub> , CeO <sub>2</sub> , Pr <sub>6</sub> O <sub>11</sub> , Nd <sub>2</sub> O <sub>3</sub> , Sm <sub>2</sub> O <sub>3</sub> , Eu <sub>2</sub> O <sub>3</sub> , Gd <sub>2</sub> O <sub>3</sub> , Tb <sub>4</sub> O <sub>7</sub> , Dy <sub>2</sub> O <sub>3</sub> , Ho <sub>2</sub> O <sub>3</sub> , Er <sub>2</sub> O <sub>3</sub> , Tm <sub>2</sub> O <sub>3</sub> , Yb <sub>2</sub> O <sub>3</sub> , Lu <sub>2</sub> O <sub>3</sub> , Y <sub>2</sub> O <sub>3</sub> , Sc <sub>2</sub> O <sub>3</sub> , Al <sub>2</sub> O <sub>3</sub> , Th, SiO <sub>2</sub> , Fe <sub>2</sub> O <sub>3</sub> (t), FeO, CaO, MgO, K <sub>2</sub> O, TiO <sub>2</sub> , MnO, H <sub>2</sub> O+, Na <sub>2</sub> O, P <sub>2</sub> O <sub>5</sub> , L.O.I.	100g
GBW07157	Zirconium ore	ZrO <sub>2</sub> , HfO <sub>2</sub> , ΣREXOY, La <sub>2</sub> O <sub>3</sub> , CeO <sub>2</sub> , Pr <sub>6</sub> O <sub>11</sub> , Nd <sub>2</sub> O <sub>3</sub> , Sm <sub>2</sub> O <sub>3</sub> , Eu <sub>2</sub> O <sub>3</sub> , Tb <sub>4</sub> O <sub>7</sub> , Dy <sub>2</sub> O <sub>3</sub> , Ho <sub>2</sub> O <sub>3</sub> , Er <sub>2</sub> O <sub>3</sub> , Tm <sub>2</sub> O <sub>3</sub> , Yb <sub>2</sub> O <sub>3</sub> , Lu <sub>2</sub> O <sub>3</sub> , Y <sub>2</sub> O <sub>3</sub> , Sc <sub>2</sub> O <sub>3</sub> , Th, SiO <sub>2</sub> , Al <sub>2</sub> O <sub>3</sub> , Fe <sub>2</sub> O <sub>3</sub> (t), FeO, CaO, MgO, MnO, TiO <sub>2</sub> , K <sub>2</sub> O, Na <sub>2</sub> O, P <sub>2</sub> O <sub>5</sub> , F-, H <sub>2</sub> O+, L.O.I., [Gd <sub>2</sub> O <sub>3</sub> ]	100g
GBW07158	Rare earth ore	Li <sub>2</sub> O, Rb <sub>2</sub> O, Cs <sub>2</sub> O, ΣREXOY, La <sub>2</sub> O <sub>3</sub> , CeO <sub>2</sub> , Pr <sub>6</sub> O <sub>11</sub> , Nd <sub>2</sub> O <sub>3</sub> , Sm <sub>2</sub> O <sub>3</sub> , Eu <sub>2</sub> O <sub>3</sub> , Gd <sub>2</sub> O <sub>3</sub> , Tb <sub>4</sub> O <sub>7</sub> , Dy <sub>2</sub> O <sub>3</sub> , Ho <sub>2</sub> O <sub>3</sub> , [Er <sub>2</sub> O <sub>3</sub> ], Tm <sub>2</sub> O <sub>3</sub> , Yb <sub>2</sub> O <sub>3</sub> , Lu <sub>2</sub> O <sub>3</sub> , [Y <sub>2</sub> O <sub>3</sub> ], Sc <sub>2</sub> O <sub>3</sub> , Th, SiO <sub>2</sub> , Al <sub>2</sub> O <sub>3</sub> , Fe <sub>2</sub> O <sub>3</sub> (t), [FeO], [CaO], MgO, TiO <sub>2</sub> , MnO, K <sub>2</sub> O, Na <sub>2</sub> O, P <sub>2</sub> O <sub>5</sub> , F-, H <sub>2</sub> O+, L.O.I.	100g
GBW07159	Rare earth ore	Li <sub>2</sub> O, Rb <sub>2</sub> O, Cs <sub>2</sub> O, ΣREXOY, La <sub>2</sub> O <sub>3</sub> , CeO <sub>2</sub> , Pr <sub>6</sub> O <sub>11</sub> , Nd <sub>2</sub> O <sub>3</sub> , Sm <sub>2</sub> O <sub>3</sub> , Eu <sub>2</sub> O <sub>3</sub> , Gd <sub>2</sub> O <sub>3</sub> , Tb <sub>4</sub> O <sub>7</sub> , Dy <sub>2</sub> O <sub>3</sub> , Ho <sub>2</sub> O <sub>3</sub> , Er <sub>2</sub> O <sub>3</sub> , Tm <sub>2</sub> O <sub>3</sub> , Yb <sub>2</sub> O <sub>3</sub> , Lu <sub>2</sub> O <sub>3</sub> , Y <sub>2</sub> O <sub>3</sub> , Sc <sub>2</sub> O <sub>3</sub> , Th, SiO <sub>2</sub> , Al <sub>2</sub> O <sub>3</sub> , Fe <sub>2</sub> O <sub>3</sub> (t), FeO, [CaO], MgO, TiO <sub>2</sub> , MnO,	100g



Product Code	Product Name	Properties	Package
		K <sub>2</sub> O, Na <sub>2</sub> O, [P <sub>2</sub> O <sub>5</sub> ], F <sup>-</sup> , H <sub>2</sub> O <sup>+</sup> , L.O.I.	
GBW07160	Rare earth ore	Li <sub>2</sub> O, Rb <sub>2</sub> O, Cs <sub>2</sub> O, ΣREXOY, La <sub>2</sub> O <sub>3</sub> , CeO <sub>2</sub> , [Pr <sub>6</sub> O <sub>11</sub> ], Nd <sub>2</sub> O <sub>3</sub> , Sm <sub>2</sub> O <sub>3</sub> , Eu <sub>2</sub> O <sub>3</sub> , [Gd <sub>2</sub> O <sub>3</sub> ], Tb <sub>4</sub> O <sub>7</sub> , Dy <sub>2</sub> O <sub>3</sub> , Ho <sub>2</sub> O <sub>3</sub> , Er <sub>2</sub> O <sub>3</sub> , Tm <sub>2</sub> O <sub>3</sub> , Yb <sub>2</sub> O <sub>3</sub> , Lu <sub>2</sub> O <sub>3</sub> , Y <sub>2</sub> O <sub>3</sub> , Sc <sub>2</sub> O <sub>3</sub> , Th, SiO <sub>2</sub> , Al <sub>2</sub> O <sub>3</sub> , Fe <sub>2</sub> O <sub>3</sub> (t), [FeO], [CaO], MgO, [TiO <sub>2</sub> ], MnO, K <sub>2</sub> O, Na <sub>2</sub> O, [P <sub>2</sub> O <sub>5</sub> ], F <sup>-</sup> , H <sub>2</sub> O <sup>+</sup> , L.O.I.	100g
GBW07161	Rare earth ore	Li <sub>2</sub> O, Rb <sub>2</sub> O, Cs <sub>2</sub> O, ΣREXOY, La <sub>2</sub> O <sub>3</sub> , CeO <sub>2</sub> , Pr <sub>6</sub> O <sub>11</sub> , Nd <sub>2</sub> O <sub>3</sub> , Sm <sub>2</sub> O <sub>3</sub> , Eu <sub>2</sub> O <sub>3</sub> , Gd <sub>2</sub> O <sub>3</sub> , Tb <sub>4</sub> O <sub>7</sub> , Dy <sub>2</sub> O <sub>3</sub> , Ho <sub>2</sub> O <sub>3</sub> , Er <sub>2</sub> O <sub>3</sub> , Tm <sub>2</sub> O <sub>3</sub> , Yb <sub>2</sub> O <sub>3</sub> , Lu <sub>2</sub> O <sub>3</sub> , Y <sub>2</sub> O <sub>3</sub> , Sc <sub>2</sub> O <sub>3</sub> , Th, SiO <sub>2</sub> , Al <sub>2</sub> O <sub>3</sub> , Fe <sub>2</sub> O <sub>3</sub> (t), [FeO], CaO, MgO, TiO <sub>2</sub> , MnO, K <sub>2</sub> O, Na <sub>2</sub> O, [P <sub>2</sub> O <sub>5</sub> ], F <sup>-</sup> , H <sub>2</sub> O <sup>+</sup> , L.O.I.	100g
GBW07162	Poor ploymetal	Cu, Pb, Zn, Fe, S, As, Ag, Cd, Ga, Ge, Tl, Se, Mo, Sb, Bi, Hg, Mn, SiO <sub>2</sub> , Al <sub>2</sub> O <sub>3</sub> , CaO, MgO, K <sub>2</sub> O, Na <sub>2</sub> O, [In], [Te], [W]	50g
GBW07163	Ploymetal ore rock	Cu, Pb, Zn, Fe, S, As, Ag, Cd, Ga, Ge, In, Mo, W, Bi, Hg, Sn, Mn, SiO <sub>2</sub> , Al <sub>2</sub> O <sub>3</sub> , CaO, MgO, K <sub>2</sub> O, Na <sub>2</sub> O, [Tl], [Se], [Te], [Sb]	50g
GBW07164	Rich Cu(Ag) ore	As, Cu, Pb, Zn, Cd, Fe, S, Ag, Ga, Ge, In, Se, Re, Mo, W, Sb, Bi, Sn, Mn, SiO <sub>2</sub> , Al <sub>2</sub> O <sub>3</sub> , CaO, MgO, K <sub>2</sub> O, Na <sub>2</sub> O, [Tl], [Te]	50g
GBW07165	Rich Pb and Zn ore	As, Cu, Pb, Zn, Cd, Fe, S, Ag, Ga, Ge, In, Tl, Mo, W, Sb, Bi, Sn, Mn, SiO <sub>2</sub> , Al <sub>2</sub> O <sub>3</sub> , CaO, MgO, K <sub>2</sub> O, Na <sub>2</sub> O	50g
GBW07166	Cu concentrate	Cu, Al <sub>2</sub> O <sub>3</sub> , Pb, CaO, K <sub>2</sub> O, [Zn], MgO, Fe, Mn, S, Na <sub>2</sub> O, As, SiO <sub>2</sub> , Ag, [Cd], [In], [Se], [Te], [Re], Mo, [W], Sb, [Bi]	50g
GBW07167	Pb concentrate	Cu, Pb, Zn, Fe, S, As, SiO <sub>2</sub> , Ag, Cd, Ge, Sb, Hg, [Al <sub>2</sub> O <sub>3</sub> ], [CaO], [MgO], [K <sub>2</sub> O], [Na <sub>2</sub> O], [W], [Bi], [Ga], [Se], [Mo], [Mn]	50g
GBW07168	Zn concentrate	Cu, Al <sub>2</sub> O <sub>3</sub> , Pb, Zn, Fe, MgO, Mn, S, Ag, Cd, Ga, Ge, As, Sb, Hg, SiO <sub>2</sub> , [CaO], [K <sub>2</sub> O], [In], [Se], [W], [Bi]	50g
GBW07169	Copper ore	Ag, Al <sub>2</sub> O <sub>3</sub> , CaO, Co, Cu, F, Fe <sub>2</sub> O <sub>3</sub> (t), K <sub>2</sub> O, MgO, Na <sub>2</sub> O, Ni, Pb, Sb, SiO <sub>2</sub> , TiO <sub>2</sub> , Zn, S, Mn, [Bi], [As]	40g



Product Code	Product Name	Properties	Package
GBW07170	Copper ore	Al <sub>2</sub> O <sub>3</sub> , As, Bi, CaO, Co, Cu, F, Fe <sub>2</sub> O <sub>3</sub> (t), K <sub>2</sub> O, MgO, Na <sub>2</sub> O, Ni, Pb, Sb, SiO <sub>2</sub> , TiO <sub>2</sub> , Zn, S, Mn, [Ag]	40g
GBW07171	Lead ore	Cu, Pb, Zn, As, Ag, Bi, Mn, S, SiO <sub>2</sub> , Fe <sub>2</sub> O <sub>3</sub> (t), Al <sub>2</sub> O <sub>3</sub> , TiO <sub>2</sub> , CaO, Na <sub>2</sub> O, [MgO], [K <sub>2</sub> O]	40g
GBW07172	Lead ore	Cu, Pb, Zn, Mn, S, SiO <sub>2</sub> , Fe <sub>2</sub> O <sub>3</sub> (t), Al <sub>2</sub> O <sub>3</sub> , TiO <sub>2</sub> , CaO, MgO, K <sub>2</sub> O, Na <sub>2</sub> O, [As], [Ag], [Bi]	40g
GBW07173	Zinc ore	Cu, Pb, Zn, Ag, Bi, Hg, SiO <sub>2</sub> , Fe <sub>2</sub> O <sub>3</sub> (t), Al <sub>2</sub> O <sub>3</sub> , CaO, MgO, K <sub>2</sub> O, Na <sub>2</sub> O, [S], [As], [MnO]	40g
GBW07174	Antimony ore	Cu, Pb, Zn, Sb, Au, As, Ni, SiO <sub>2</sub> , Fe <sub>2</sub> O <sub>3</sub> (t), Al <sub>2</sub> O <sub>3</sub> , TiO <sub>2</sub> , CaO, MgO, Na <sub>2</sub> O, [Mn], [S], [W], [K <sub>2</sub> O]	40g
GBW07175	Antimony ore	Cu, Pb, Zn, Sb, Au, As, Fe, Mn, S, SiO <sub>2</sub> , Fe <sub>2</sub> O <sub>3</sub> (t), TiO <sub>2</sub> , CaO, MgO, K <sub>2</sub> O, Na <sub>2</sub> O, [Al <sub>2</sub> O <sub>3</sub> ]	40g
GBW07176	Antimony ore	Cu, Pb, Zn, Sb, Mn, Ni, S, SiO <sub>2</sub> , Fe <sub>2</sub> O <sub>3</sub> (t), TiO <sub>2</sub> , CaO, [MgO], [Al <sub>2</sub> O <sub>3</sub> ], [K <sub>2</sub> O], [Na <sub>2</sub> O], [As]	40g
GBW07177	Bauxite ore	SiO <sub>2</sub> , Al <sub>2</sub> O <sub>3</sub> , Fe <sub>2</sub> O <sub>3</sub> , TiO <sub>2</sub> , L.O.I., CaO, MgO, K <sub>2</sub> O, P <sub>2</sub> O <sub>5</sub> , H <sub>2</sub> O+, S, MnO, Li, Cu, Pb, Zn, Sr, Zr, V, Ga, Cr, [Na <sub>2</sub> O]	50g
GBW07178	Bauxite ore	SiO <sub>2</sub> , Al <sub>2</sub> O <sub>3</sub> , Fe <sub>2</sub> O <sub>3</sub> , TiO <sub>2</sub> , L.O.I., CaO, MgO, K <sub>2</sub> O, P <sub>2</sub> O <sub>5</sub> , H <sub>2</sub> O+, S, MnO, Li, Cu, Pb, Zn, Sr, Zr, V, Ga, Cr, [Na <sub>2</sub> O]	50g
GBW07179	Bauxite ore	SiO <sub>2</sub> , Al <sub>2</sub> O <sub>3</sub> , Fe <sub>2</sub> O <sub>3</sub> , TiO <sub>2</sub> , L.O.I., CaO, MgO, K <sub>2</sub> O, Na <sub>2</sub> O, P <sub>2</sub> O <sub>5</sub> , H <sub>2</sub> O+, S, Li, Cu, Pb, Zn, Sr, Zr, V, Ga, Cr, [MnO]	50g
GBW07180	Bauxite ore	SiO <sub>2</sub> , Al <sub>2</sub> O <sub>3</sub> , Fe <sub>2</sub> O <sub>3</sub> , TiO <sub>2</sub> , L.O.I., MgO, K <sub>2</sub> O, P <sub>2</sub> O <sub>5</sub> , H <sub>2</sub> O+, S, Li, Cu, Pb, Zn, Sr, Zr, V, Ga, Cr, [MnO], [CaO], [Na <sub>2</sub> O]	50g
GBW07181	Bauxite ore	SiO <sub>2</sub> , Al <sub>2</sub> O <sub>3</sub> , Fe <sub>2</sub> O <sub>3</sub> , TiO <sub>2</sub> , L.O.I., K <sub>2</sub> O, P <sub>2</sub> O <sub>5</sub> , CaO, Li, Cu, Pb, Zn, Sr, Zr, V, Ga, Cr, [MgO], [MnO], [Na <sub>2</sub> O]	50g
GBW07182	Bauxite ore	SiO <sub>2</sub> , Al <sub>2</sub> O <sub>3</sub> , Fe <sub>2</sub> O <sub>3</sub> , TiO <sub>2</sub> , L.O.I., CaO, MgO, K <sub>2</sub> O, P <sub>2</sub> O <sub>5</sub> , H <sub>2</sub> O+, S, Li,	50g



Product Code	Product Name	Properties	Package
		Cu, Pb, Zn, Sr, Zr, V, Ga, Cr, [MnO], [Na <sub>2</sub> O]	
GBW07201	Chromite	Cr <sub>2</sub> O <sub>3</sub> , SiO <sub>2</sub> , Al <sub>2</sub> O <sub>3</sub> , MgO, CaO, TiO <sub>2</sub> , P <sub>2</sub> O <sub>5</sub> , MnO, Na <sub>2</sub> O, K <sub>2</sub> O, H <sub>2</sub> O+, CO <sub>2</sub> , S, NiO, CoO, V <sub>2</sub> O <sub>5</sub> , TFe <sub>2</sub> O <sub>5</sub> , Pt, Pd, Rh, Ir, Os, Ru, [Fe <sub>2</sub> O <sub>3</sub> ], [FeO]	200g
GBW07202	Chromite	Cr <sub>2</sub> O <sub>3</sub> , SiO <sub>2</sub> , Al <sub>2</sub> O <sub>3</sub> , MgO, CaO, TiO <sub>2</sub> , P <sub>2</sub> O <sub>5</sub> , MnO, Na <sub>2</sub> O, K <sub>2</sub> O, H <sub>2</sub> O+, CO <sub>2</sub> , S, NiO, CoO, V <sub>2</sub> O <sub>5</sub> , TFe <sub>2</sub> O <sub>5</sub> , Pt, Pd, Rh, Ir, Os, Ru, [Fe <sub>2</sub> O <sub>3</sub> ], [FeO]	200g
GBW07207	Gold and silver in ore	Au: (0.008±0.001)×10 <sup>-6</sup> ; Ag: (0.33±0.01)×10 <sup>-6</sup>	1kg
GBW07208	Gold and silver in ore	Au: (0.051±0.002)×10 <sup>-6</sup> ; Ag: (2.06±0.08)×10 <sup>-6</sup>	1kg
GBW07209	Gold and silver in ore	Au: (0.421±0.012)×10 <sup>-6</sup> ; Ag: (9.08±0.11)×10 <sup>-6</sup>	1kg
GBW07210	Phosphate rocks	P <sub>2</sub> O <sub>5</sub> , SiO <sub>2</sub> , CaO, MgO, Fe <sub>2</sub> O <sub>3</sub> , Al <sub>2</sub> O <sub>3</sub> , MnO, TiO <sub>2</sub> , F, CO <sub>2</sub> , K <sub>2</sub> O, Na <sub>2</sub> O, SrO, I	100g
GBW07211	Phosphate rocks	P <sub>2</sub> O <sub>5</sub> , SiO <sub>2</sub> , CaO, MgO, Fe <sub>2</sub> O <sub>3</sub> , Al <sub>2</sub> O <sub>3</sub> , MnO, TiO <sub>2</sub> , F, CO <sub>2</sub> , K <sub>2</sub> O, Na <sub>2</sub> O, SrO, I, TS	100g
GBW07212	Phosphate rocks	P <sub>2</sub> O <sub>5</sub> , SiO <sub>2</sub> , CaO, MgO, Fe <sub>2</sub> O <sub>3</sub> , Al <sub>2</sub> O <sub>3</sub> , MnO, TiO <sub>2</sub> , F, CO <sub>2</sub> , K <sub>2</sub> O, Na <sub>2</sub> O, SrO	100g
GBW07214a	Limestone	CaO, MgO, SiO <sub>2</sub> , Al <sub>2</sub> O <sub>3</sub> , Fe <sub>2</sub> O <sub>3</sub> , MnO, P, S, L.O.I., K <sub>2</sub> O, [Na <sub>2</sub> O]	50g
GBW07215a	Limestone	CaO, MgO, SiO <sub>2</sub> , Al <sub>2</sub> O <sub>3</sub> , Fe <sub>2</sub> O <sub>3</sub> , MnO, P, S, L.O.I., K <sub>2</sub> O, Na <sub>2</sub> O	50g
GBW07216a	Dolomite	CaO, MgO, SiO <sub>2</sub> , Al <sub>2</sub> O <sub>3</sub> , Fe <sub>2</sub> O <sub>3</sub> , MnO, P, S, L.O.I., Na <sub>2</sub> O., [K <sub>2</sub> O]	70g
GBW07217a	Dolomite	CaO, MgO, SiO <sub>2</sub> , Al <sub>2</sub> O <sub>3</sub> , Fe <sub>2</sub> O <sub>3</sub> , MnO, P, S, L.O.I., K <sub>2</sub> O, Na <sub>2</sub> O	70g
GBW07218a	Iron ore	Al <sub>2</sub> O <sub>3</sub> , CaO, FeO, K <sub>2</sub> O, MgO, Mn, Na <sub>2</sub> O, P, S, SiO <sub>2</sub> , TFe, Ti	100g
GBW07219a	Sintering	SiO <sub>2</sub> , Al <sub>2</sub> O <sub>3</sub> , CaO, MgO, TFe, Mn, P, S, Cu, Ti, K <sub>2</sub> O, Na <sub>2</sub> O, Ni, [FeO]	100g
GBW07219b	Sintering	SiO <sub>2</sub> , Al <sub>2</sub> O <sub>3</sub> , CaO, MgO, TFe, Mn, P, S, Cu, Ti, K <sub>2</sub> O, Na <sub>2</sub> O, FeO, Ni	100g
GBW07220	Pellet	SiO <sub>2</sub> , Al <sub>2</sub> O <sub>3</sub> , CaO, MgO, TFe, Mn, P, S, Cu, Ti, K <sub>2</sub> O, Na <sub>2</sub> O, FeO, Ni	100g
GBW07220a	Pellet	SiO <sub>2</sub> , Al <sub>2</sub> O <sub>3</sub> , CaO, MgO, TFe, Mn, P, S, Cu, Ti, K <sub>2</sub> O, Na <sub>2</sub> O, FeO, Ni	100g
GBW07221a	Magnetite concentrate	SiO <sub>2</sub> , Al <sub>2</sub> O <sub>3</sub> , CaO, MgO, TFe, Mn, P, S, Cu, Ti, K <sub>2</sub> O, Na <sub>2</sub> O, FeO, Co, Ni	100g
GBW07221b	Magnetite concentrate	SiO <sub>2</sub> , Al <sub>2</sub> O <sub>3</sub> , CaO, MgO, TFe, Mn, P, S, Cu, Ti, K <sub>2</sub> O, Na <sub>2</sub> O, FeO	100g



Product Code	Product Name	Properties	Package
GBW07222	Siderite	SiO <sub>2</sub> , Al <sub>2</sub> O <sub>3</sub> , CaO, MgO, TFe, Mn, P, S, Cu, Ti, K <sub>2</sub> O, Na <sub>2</sub> O, FeO, Co, Ni	100g
GBW07222a	Siderite	SiO <sub>2</sub> , Al <sub>2</sub> O <sub>3</sub> , CaO, MgO, TFe, Mn, P, S, Cu, Ti, K <sub>2</sub> O, Na <sub>2</sub> O, FeO, Co, Ni	100g
GBW07223	Hematite	SiO <sub>2</sub> , Al <sub>2</sub> O <sub>3</sub> , CaO, MgO, TFe, Mn, P, S, Cu, Ti, K <sub>2</sub> O, Na <sub>2</sub> O, FeO, Co, Ni	100g
GBW07223a	Hematite	SiO <sub>2</sub> , Al <sub>2</sub> O <sub>3</sub> , CaO, MgO, TFe, Mn, P, S, Cu, Ti, K <sub>2</sub> O, Na <sub>2</sub> O, FeO, Co, Ni	100g
GBW07224	Vanadium titanium bearing magnetite crude ores	Si <sub>2</sub> O, Al <sub>2</sub> O <sub>3</sub> , CaO, MgO, V <sub>2</sub> O <sub>5</sub> , TiO <sub>2</sub> , MnO, P, TFe, S, Cu, Co, Ni, Cr, Ga	100g
GBW07225	Vanadium titanium bearing magnetite crude ores	Si <sub>2</sub> O, Al <sub>2</sub> O <sub>3</sub> , CaO, MgO, V <sub>2</sub> O <sub>5</sub> , TiO <sub>2</sub> , MnO, P, TFe, S, Cu, Co, Ni, Cr, Ga	100g
GBW07227	Vanadium titanium bearing magnetite tailing	Si <sub>2</sub> O, Al <sub>2</sub> O <sub>3</sub> , CaO, MgO, V <sub>2</sub> O <sub>5</sub> , TiO <sub>2</sub> , MnO, P, TFe, S, Cu, Co, Ni, Cr, Ga	100g
GBW07228	Geological reference material for gold	(3.4±0.2)×10 <sup>-9</sup>	500g
GBW07229	Geological reference material for gold	(52±3)×10 <sup>-9</sup>	500g
GBW07230	Geological reference material for gold	(1.33±0.02)×10 <sup>-6</sup>	1000g
GBW07231	Tin concentrate	Sn, Pb, Fe, As, Sb, Bi, Zn, S, Ag	100g
GBW07232	Tin concentrate	Sn, Pb, Fe, As, Sb, Bi, Zn, S, Cu, SiO <sub>2</sub> , WO <sub>3</sub>	100g
GBW07233	Copper ore	Al <sub>2</sub> O <sub>3</sub> , As, Bi, CaO, Cd, Ce, Co, Cu, Dy, Er, Eu, F, Fe <sub>2</sub> O <sub>3</sub> (t), Ga, Gd, Ge, Ho, In, K <sub>2</sub> O, La, Lu, MgO, MnO, Mo, Na <sub>2</sub> O, Nd, Ni, Pb, Pr, Sb, Sc, Se, SiO <sub>2</sub> , Sm, Sn, Tb, Te, Th, TiO <sub>2</sub> , Tl, Tm, W, Y, Yb, Zn, S, [Cr], [Li]	100g
GBW07234	Copper ore	Al <sub>2</sub> O <sub>3</sub> , As, Bi, CaO, Cd, Ce, Co, Cu, Dy, Er, Eu, F, Fe <sub>2</sub> O <sub>3</sub> (t), Ga, Gd, Ge, Ho, In, K <sub>2</sub> O, La, Lu, MgO, MnO, Mo, Na <sub>2</sub> O, Nd, Ni, Pb, Pr, Sb, Sc, Se, SiO <sub>2</sub> , Sm, Sn, Tb, Te, Th, TiO <sub>2</sub> , Tl, Tm, W, Y, Yb, Zn, S, [Ba], [Cr], [Cs], [Li], [Rb]	100g
GBW07235	Lead ore	Cu, Pb, Zn, Cd, Co, Ni, As, Sb, Bi, Sn, W, Mo, Ag, Ga, In, Ge, Se, Te, Tl, La, Ce, Pr, Nd, Sm, Eu, Gd, Tb, Dy, Ho, Er, Tm, Yb, Lu, Y, Sc, Th, SiO <sub>2</sub> , Fe <sub>2</sub> O <sub>3</sub> (t), Al <sub>2</sub> O <sub>3</sub> , TiO <sub>2</sub> , MnO, CaO, MgO, K <sub>2</sub> O, Na <sub>2</sub> O, F, S, [Cr], [Li], [Rb], [Cs]	100g
GBW07236	Lead ore	Cu, Pb, Zn, Cd, Co, Ni, As, Sb, Bi, Sn, W, Mo, Ag, Ga, In, Ge, Se, Te, Tl, La, Ce, Pr, Nd, Sm, Eu, Gd, Tb, Dy, Ho, Er, Tm, Yb, Lu, Y, Sc, Th, SiO <sub>2</sub> ,	100g





Product Code	Product Name	Properties	Package
		Fe <sub>2</sub> O <sub>3</sub> (t), Al <sub>2</sub> O <sub>3</sub> , TiO <sub>2</sub> , MnO, CaO, MgO, K <sub>2</sub> O, Na <sub>2</sub> O, F, S, [Cr], [Li], [Rb], [Cs]	
GBW07237	Zinc ore	Cu, Pb, Zn, Cd, Co, Ni, As, Sb, Bi, Sn, W, Mo, Ag, Ga, In, Ge, Se, Te, Tl, La, Ce, Pr, Nd, Sm, Eu, Gd, Tb, Dy, Ho, Er, Tm, Yb, Lu, Y, Sc, SiO <sub>2</sub> , Fe <sub>2</sub> O <sub>3</sub> (t), Al <sub>2</sub> O <sub>3</sub> , TiO <sub>2</sub> , MnO, CaO, MgO, K <sub>2</sub> O, Na <sub>2</sub> O, F, S, [Th], [Cr], [Li], [Rb]	100g
GBW07238	Molybdenum ore	Cu, Pb, Zn, Cd, Co, Ni, As, Sb, Bi, Sn, W, Mo, Ag, Ga, In, Ge, Se, Te, Tl, La, Ce, Pr, Nd, , Sm, Eu, Gd, Tb, Dy, Ho, Er, Tm, Yb, Lu, Y, Sc, Th, SiO <sub>2</sub> , Fe <sub>2</sub> O <sub>3</sub> (t), Al <sub>2</sub> O <sub>3</sub> , TiO <sub>2</sub> , MnO, CaO, MgO, K <sub>2</sub> O, Na <sub>2</sub> O, F, S, [Cr], [Li], [Re]	100g
GBW07239	Molybdenum ore	Cu, Pb, Zn, Cd, Co, Ni, As, Sb, Bi, Sn, W, Mo, Ag, Ga, In, Ge, Se, Te, Tl, La, Ce, Pr, Nd, , Sm, Eu, Gd, Tb, Dy, Ho, Er, Tm, Yb, Lu, Y, Sc, Th, SiO <sub>2</sub> , Fe <sub>2</sub> O <sub>3</sub> (t), Al <sub>2</sub> O <sub>3</sub> , TiO <sub>2</sub> , MnO, CaO, MgO, K <sub>2</sub> O, Na <sub>2</sub> O, F, S, [Cr], [Li], [Re]	100g
GBW07240	Tungsten ore	Cu, Al <sub>2</sub> O <sub>3</sub> , Pb, Zn, Cd, Co, CaO, Ni, As, Sb, Bi, Sn, W, Mo, Ag, S, Ga, In, F, Fe <sub>2</sub> O <sub>3</sub> (T), K <sub>2</sub> O, Ge, MgO, Se, MnO, Te, Tl, Na <sub>2</sub> O, La, Ce, Pr, Nd, Sm, Eu, Gd, Tb, Dy, Ho, Er, Tm, Yb, Lu, Y, Sc, TiO <sub>2</sub> , Th, SiO <sub>2</sub> , [Cr], [Li], [Rb], [Re], [Cs]	100g
GBW07241	Tungsten ore	Cu, Al <sub>2</sub> O <sub>3</sub> , Pb, Zn, Cd, Co, CaO, Ni, As, Sb, Bi, Sn, W, Mo, Ag, S, Ga, In, F, Fe <sub>2</sub> O <sub>3</sub> (T), K <sub>2</sub> O, Ge, MgO, Se, MnO, Te, Tl, Na <sub>2</sub> O, La, Ce, Pr, Nd, Sm, Eu, Gd, Tb, Dy, Ho, Er, Tm, Yb, Lu, Y, Sc, TiO <sub>2</sub> , Th, SiO <sub>2</sub> , [Cr], [Li], [Rb], [Re], [Cs]	100g
GBW07242	Gold for geochemical exploration	(0.5±0.1)×10 <sup>-9</sup>	1kg
GBW07243	Gold for geochemical exploration	(1.5±0.2)×10 <sup>-9</sup>	1kg
GBW07244	Gold for geochemical exploration	(5.3±0.1)×10 <sup>-9</sup>	1kg
GBW07245	Gold for geochemical exploration	(11.4±0.7)×10 <sup>-9</sup>	1kg
GBW07246	Gold for geochemical exploration	(21.5±1.1)×10 <sup>-9</sup>	1kg
GBW07247	Gold for geochemical exploration	(50±2)×10 <sup>-9</sup>	1kg



Product Code	Product Name	Properties	Package
GBW07248	Gold for geochemical exploration	$(100\pm 3)\times 10^{-9}$	1kg
GBW07249	Phlymatallic nodule	Mn(T), Fe(T), Co, Ni, Cu, SiO <sub>2</sub> , Al <sub>2</sub> O <sub>3</sub> , TiO <sub>2</sub> , P <sub>2</sub> O <sub>5</sub> , MgO, CaO, Na <sub>2</sub> O, K <sub>2</sub> O, Ba, Sr, H <sub>2</sub> O+, S, Cl, MnO <sub>2</sub> , As, B, Ce, Cr, Dy, Er, Eu, Ga, Gd, Ho, La, Li, Lu, Mo, Nd, Pb, Pr, Rb, Sb, Sc, Sm, Tb, Th, Tl, Tm, U, V, W, Y, Yb, Zn, Zr, [CO <sub>2</sub> ], [Org.C], [L.O.I.], [Nb], [F]	60g
GBW07250	Fluorspar	CaF <sub>2</sub> , SiO <sub>2</sub> , P, S, Fe <sub>2</sub> O <sub>3</sub> , K <sub>2</sub> O, Na <sub>2</sub> O, [CaCO <sub>3</sub> ]	65g
GBW07251	Fluorspar	CaF <sub>2</sub> , SiO <sub>2</sub> , P, S, Fe <sub>2</sub> O <sub>3</sub> , K <sub>2</sub> O, Na <sub>2</sub> O, [CaCO <sub>3</sub> ]	65g
GBW07252	Fluorspar	CaF <sub>2</sub> , SiO <sub>2</sub> , P, S, Fe <sub>2</sub> O <sub>3</sub> , K <sub>2</sub> O, Na <sub>2</sub> O, [CaCO <sub>3</sub> ]	65g
GBW07253	Fluorspar	CaF <sub>2</sub> , SiO <sub>2</sub> , P, S, Fe <sub>2</sub> O <sub>3</sub> , K <sub>2</sub> O, Na <sub>2</sub> O, [CaCO <sub>3</sub> ]	65g
GBW07254	Fluorspar	CaF <sub>2</sub> , SiO <sub>2</sub> , P, S, CaCO <sub>3</sub> , Fe <sub>2</sub> O <sub>3</sub>	65g
GBW07255	Silver in silver ore	$(46.9\pm 1.1)\times 10^{-6}$	50g
GBW07256	Silver in silver ore	$(112\pm 4)\times 10^{-6}$	50g
GBW07257	Silver in silver ore	$(298\pm 10)\times 10^{-6}$	50g
GBW07258	Silver in silver ore	$(446\pm 9)\times 10^{-6}$	50g
GBW07259	Silver in silver ore	$(559\pm 15)\times 10^{-6}$	50g
GBW07260	Silver in silver ore	$(732\pm 10)\times 10^{-6}$	50g
GBW07261	Manganese ore	Mn, Fe, SiO <sub>2</sub> , Al <sub>2</sub> O <sub>3</sub> , TiO <sub>2</sub> , CaO, MgO, Na <sub>2</sub> O, K <sub>2</sub> O, S, P, Cu, Zn, Ni, BaO, MnO <sub>2</sub> , [Mn(SiO <sub>3</sub> 2-)]	100g
GBW07262	Manganese ore	Mn, Fe, SiO <sub>2</sub> , Al <sub>2</sub> O <sub>3</sub> , TiO <sub>2</sub> , CaO, MgO, Na <sub>2</sub> O, K <sub>2</sub> O, S, P, Cu, Zn, Ni, BaO, Mn(CO <sub>3</sub> 2-), [Mn(SiO <sub>3</sub> 2-)]	100g
GBW07263	Manganese ore	Mn, Fe, SiO <sub>2</sub> , Al <sub>2</sub> O <sub>3</sub> , TiO <sub>2</sub> , CaO, MgO, Na <sub>2</sub> O, K <sub>2</sub> O, S, P, Cu, Zn, Ni, BaO, MnO <sub>2</sub> , [Mn(SiO <sub>3</sub> 2-)]	100g
GBW07264	Manganese ore	Mn, Fe, SiO <sub>2</sub> , Al <sub>2</sub> O <sub>3</sub> , TiO <sub>2</sub> , CaO, MgO, Na <sub>2</sub> O, K <sub>2</sub> O, S, P, Cu, Zn, Ni, BaO, MnO <sub>2</sub> , [Mn(SiO <sub>3</sub> 2-)]	100g
GBW07265	Manganese ore	Mn, Fe, SiO <sub>2</sub> , Al <sub>2</sub> O <sub>3</sub> , TiO <sub>2</sub> , CaO, MgO, Na <sub>2</sub> O, K <sub>2</sub> O, S, P, Cu, Zn, Ni, BaO,	100g



Product Code	Product Name	Properties	Package
		Mn(CO <sub>3</sub> 2-), [Mn(SiO <sub>3</sub> 2-)]	
GBW07266	Manganese ores	Mn, Fe, SiO <sub>2</sub> , Al <sub>2</sub> O <sub>3</sub> , TiO <sub>2</sub> , CaO, MgO, Na <sub>2</sub> O, K <sub>2</sub> O, S, P, Cu, Zn, Ni, BaO, Mn(CO <sub>3</sub> 2-), [Mn(SiO <sub>3</sub> 2-)]	100g
GBW07267	Sulfide mineral	Ag, Bi, Cd, Cu, Fe, Ga, S, Sb, Se, Te, Zn, Mn, Ni, [As], [Co], [Ge], [Sn], [Pb]	10g
GBW07268	Sulfide mineral	Ag, Bi, Cd, Co, Cu, Fe, In, S, Se, Te, Zn, Mn, Ni, Pb, [As], [Ga], [Sb], [Sn]	10g
GBW07269	Sulfide mineral	Ag, As, Bi, Cd, Cu, Fe, Ge, In, S, Sb, Sn, Zn, Tl, Pb, [Co], [Ga], [Te]	10g
GBW07270	Sulfide mineral	Ag, Bi, Cd, Co, Cu, Fe, Ga, Ge, In, S, Sb, Zn, Mn, Ni, Pb, [As], [Se], [Sn], [Te]	10g
GBW07271	Chemical phase analyses of iron ore	MFe, SFe, CFe, TFe, [SiFe], [OFe]	100g
GBW07272	Chemical phase analyses of iron ore	MFe, SFe, CFe, TFe, [SiFe], [OFe]	100g
GBW07273	Chemical phase analyses of iron ore	MFe, SFe, CFe, TFe, [SiFe], [OFe]	100g
GBW07274	Chemical phase analyses of iron ore	MFe, CFe, TFe, [SiFe], [OFe], [SFe]	100g
GBW07275	Chemical phase analyses of iron ore	MFe, CFe, TFe, [SiFe], [OFe], [SFe]	100g
GBW07276	Chemical phase analyses of iron ore	MFe, CFe, TFe, [SiFe], [OFe], [SFe]	100g
GBW07277	Arsenic ore	As, Cu, Pb, Zn, Cd, Ni, Co, Sb, Bi, Ag, S, Ga, Se, Te, Li, La, Ce, Pr, Nd, Sm, Eu, Gd, Tb, Dy, Ho, Er, Tm, Yb, Lu, Y, SiO <sub>2</sub> , Fe <sub>2</sub> O <sub>3</sub> (t), Al <sub>2</sub> O <sub>3</sub> , TiO <sub>2</sub> , MnO, CaO, MgO, K <sub>2</sub> O, Na <sub>2</sub> O, F, [Sn], [Sc], [P]	100g
GBW07278	Arsenic ore	Ag, As, Bi, Cd, Co, Cu, Dy, Er, Eu, Ga, Gd, Ho, Li, Ni, Pb, S, Sb, Se, Sn, Tb, Te, Tm, Zn	100g
GBW07279	Antimony ore	Ag, Al <sub>2</sub> O <sub>3</sub> , As, Bi, CaO, Ce, Co, Cu, Dy, Er, Eu, F, Fe <sub>2</sub> O <sub>3</sub> (t), Ga, Gd, Ho, K <sub>2</sub> O, La, Li, Lu, MgO, MnO, Na <sub>2</sub> O, Nb, Nd, Ni, Pb, Pr, S, Sb, Sc, Se, SiO <sub>2</sub> , Sm, Tb, TiO <sub>2</sub> , Tm, W, Y, Yb, Zn, [P], [Sn]	100g
GBW07280	Antimony ore	Ag, As, Cd, Co, Cu, Ga, Li, Nb, Ni, Pb, S, Sb, Se, Sn, Zn, [Bi]	100g
GBW07281	Tin ore	As, Cu, Pb, Zn, Cd, Ni, Co, Sb, Bi, Ag, S, Ga, Se, Li, La, Ce, Pr, Nd, Sm, Sn, Sc, W, Nb, Ta, Mo, Eu, Gd, Tb, Dy, Ho, Er, Tm, Yb, Lu, Y, SiO <sub>2</sub> , Fe <sub>2</sub> O <sub>3</sub> (t),	100g



Product Code	Product Name	Properties	Package
		Al <sub>2</sub> O <sub>3</sub> , TiO <sub>2</sub> , MnO, CaO, MgO, K <sub>2</sub> O, Na <sub>2</sub> O, F, [P]	
GBW07282	Tin ore	As, Cu, Pb, Zn, Cd, Ni, Co, Sb, Bi, Ag, S, Ga, Se, Li, Sn, W, Nb, Ta, Mo	100g
GBW07283	Nickel-cocalt ore	As, Cu, Pb, Zn, Cd, Ni, Co, Sb, Bi, Ag, S, Ga, Se, Te, Li, La, Ce, Pr, Nd, Sm, Sn, Sc, Cr, Eu, Gd, Tb, Dy, Ho, Er, Tm, Yb, Lu, Y, SiO <sub>2</sub> , Fe <sub>2</sub> O <sub>3</sub> (t), Al <sub>2</sub> O <sub>3</sub> , TiO <sub>2</sub> , MnO, CaO, MgO, K <sub>2</sub> O, Na <sub>2</sub> O, F, [P]	100g
GBW07284	Tungsten-bismuth ore	As, Cu, Pb, Zn, Cd, Ni, Co, Ag, Ga, S, Se, Te, Li, Sb, Bi, Sn, W, Nb, Ta, Mo	100g
GBW07285	Molybdenum ore	Cu, Pb, Zn, Cd, Co, Ni, As, Sb, Bi, Sn, W, Mo, Ag, Ga, Se, Te, Li, Re, S, Nb, [Ta]	100g
GBW07286	Copper-lead-zinc ore	As, Cu, Pb, Zn, Cd, Ni, Co, Sb, Bi, Ag, S, Ga, Se, Li, Sn, W, Mo	100g
GBW07287	Lead-zinc ore	Ag, As, Bi, Cd, Co, Cu, Ga, Li, Ni, Pb, S, Sb, Se, Sn, W, Zn	100g
GBW07288	Platinum group elements for geochemical analysis	Pt, Pd, Au, [Os], [Ir]	1000g
GBW07288-1	Platinum group elements for geochemical analysis	Pt, Pd, Au, [Os], [Ir]	500g
GBW07289	Platinum group elements for geochemical analysis	Pt, Pd, Au, [Os], [Ir]	1000g
GBW07289-1	Platinum group elements for geochemical analysis	Pt, Pd, Au, [Os], [Ir]	500g
GBW07290	Platinum group elements for geochemical analysis	Pt, Pd, Au, Os, Ru, Ir, Rh	1000g
GBW07290-1	Platinum group elements for geochemical analysis	Pt, Pd, Au, Os, Ru, Ir, Rh	500g
GBW07291	Platinum group elements for geochemical analysis	Pt, Pd, Au, Os, Ru, Ir, Rh	1000g
GBW07291-1	Platinum group elements for geochemical analysis	Pt, Pd, Au, Os, Ru, Ir, Rh	500g
GBW07292	Platinum group elements for geochemical analysis	Pt, Pd, Os, Ru, Ir, Rh	1000g
GBW07292-1	Platinum group elements for geochemical analysis	Pt, Pd, Os, Ru, Ir, Rh	500g
GBW07293	Platinum group elements for geochemical analysis	Pt, Pd, Os, Ru, Ir, Rh, [Au]	1000g
GBW07294	Platinum group elements for geochemical analysis	Pt, Pd, Os, Ru, Ir, Rh, [Au]	1000g
GBW07294-1	Platinum group elements for geochemical analysis	Pt, Pd, Os, Ru, Ir, Rh, [Au]	500g
GBW07295	Polymetallic nodule	Al <sub>2</sub> O <sub>3</sub> , As, B, Ba, Be, Bi, Br, CaO, Cd, Ce, Cl, Co, Cr, Cs, Cu, Dy, Er, Eu, F, Fe(t), Ga, Gd, Hf, Hg, Ho, K <sub>2</sub> O, La, Li, Lu, MgO, Mn(t), MnO <sub>2</sub> , Mo, Na <sub>2</sub> O,	70g



Product Code	Product Name	Properties	Package
		Nb, Nd, Ni, P2O5, Pb, Pr, Rb, Sb, Sc, SiO2, Sm, Sr, Tb, Th, TiO2, Tl, Tm, U, V, W, Y, Yb, Zn, Zr, [CO2], [H2O+], [SO3], [L.O.I.]	
GBW07296	Polymetallic nodule	Al2O3, As, B, Ba, Be, Bi, Br, CaO, Cd, Ce, Cl, Co, Cr, Cs, Cu, Dy, Er, Eu, F, Fe(t), Ga, Gd, Hf, Hg, Ho, K2O, La, Li, Lu, MgO, Mn(t), MnO2, Mo, Na2O, Nb, Nd, Ni, P2O5, Pb, Pr, Rb, Sb, Sc, SiO2, Sm, Sr, Tb, Th, TiO2, Tl, Tm, U, V, W, Y, Yb, Zn, Zr, [CO2], [H2O+], [SO3], [L.O.I.]	70g
GBW07297	Gold in gold ore	(18.3±0.4)µg/g	1000g
GBW07298	Gold in gold ore	(32.3±1.4)µg/g	1000g
GBW07299	Gold in gold ore	(53.0±2.4)µg/g	1000g
GBW07300	Gold in gold ore	(5.72±0.22)µg/g	1000g
GBW07301a	Stream sediment	Fe2O3(t), Ti, Ag, As, Ba, Be, Bi, Cd, Ce, Co, Cr, Cs, Cu, Dy, Er, Eu, F, Ga, Gd, Ge, Hf, Hg, Ho, In, La, Li, Lu, Mn, Mo, Nb, Nd, Ni, P, Pb, Pr, Rb, Sb, Sc, Se, Sm, Sr, Ta, Tb, Th, Tm, U, V, W, Y, Yb, Zn, Zr, SiO2, Al2O3, MgO, CaO, Na2O, K2O, [B], [H2O+], [CO2], [Org.C], [Sn], [S], [Tl], [FeO]	70g
GBW07302	Stream sediment	Fe2O3(t), Ti, Ag, As, Ba, Be, Bi, Cd, Ce, Co, Cr, Cs, Cu, Dy, Er, Eu, F, Ga, Gd, Ge, Hf, Hg, Ho, In, La, Li, Lu, Mn, Mo, Nb, Nd, Ni, P, Pb, Pr, Rb, Sb, Sc, Se, Sm, Sr, Ta, Tb, Th, Tm, U, V, W, Y, Yb, Zn, Zr, SiO2, Al2O3, MgO, CaO, Na2O, K2O, [B], [H2O+], [CO2], [Org.C], [Sn], [S], [Tl], [FeO]	70g
GBW07302a	Stream sediment	Fe2O3(t), Ti, Ag, As, Ba, Be, Bi, Cd, Ce, Co, Cr, Cs, Cu, Dy, Er, Eu, F, Ga, Gd, Ge, Hf, Hg, Ho, In, La, Li, Lu, Mn, Mo, Nb, Nd, Ni, P, Pb, Pr, Rb, Sb, Sc, Se, Sm, Sr, Ta, Tb, Th, Tm, U, V, W, Y, Yb, Zn, Zr, SiO2, Al2O3, MgO, CaO, Na2O, K2O, [B], [H2O+], [CO2], [Org.C], [Sn], [S], [Tl], [FeO]	70g
GBW07303a	Stream sediment	Fe2O3(t), Ti, Ag, As, Ba, Be, Bi, Cd, Ce, Co, Cr, Cs, Cu, Dy, Er, Eu, F, Ga, Gd, Ge, Hf, Hg, Ho, In, La, Li, Lu, Mn, Mo, Nb, Nd, Ni, P, Pb, Pr, Rb, Sb, Sc, Se, Sm, Sr, Ta, Tb, Th, Tm, U, V, W, Y, Yb, Zn, Zr, SiO2, Al2O3, MgO,	70g



Product Code	Product Name	Properties	Package
		CaO, Na <sub>2</sub> O, K <sub>2</sub> O, [B], [H <sub>2</sub> O+], [CO <sub>2</sub> ], [Org.C], [Sn], [S], [Tl], [FeO]	
GBW07304a	Stream sediment	Fe <sub>2</sub> O <sub>3</sub> (t), Ti, Ag, As, Ba, Be, Bi, Cd, Ce, Co, Cr, Cs, Cu, Dy, Er, Eu, F, Ga, Gd, Ge, Hf, Hg, Ho, In, La, Li, Lu, Mn, Mo, Nb, Nd, Ni, P, Pb, Pr, Rb, Sb, Sc, Se, Sm, Sr, Ta, Tb, Th, Tm, U, V, W, Y, Yb, Zn, Zr, SiO <sub>2</sub> , Al <sub>2</sub> O <sub>3</sub> , MgO, CaO, Na <sub>2</sub> O, K <sub>2</sub> O, [B], [H <sub>2</sub> O+], [CO <sub>2</sub> ], [Org.C], [Sn], [S], [Tl], [FeO]	70g
GBW07305	Stream sediment	Ti, Ag, As, B, Ba, Be, Bi, Cd, Ce, Co, Cr, Cs, Cu, Dy, Er, Eu, F, Ga, Gd, Ge, Hf, Hg, Ho, In, La, Li, Lu, Mn, Mo, Nb, Nd, Ni, P, Pb, Pr, Rb, Sb, Sc, Se, Sm, Sn, Sr, Ta, S, Tb, Te, Th, Ti, Tl, Tm, U, V, W, Y, Yb, Zn, Zr, SiO <sub>2</sub> , Al <sub>2</sub> O <sub>3</sub> , Fe <sub>2</sub> O <sub>3</sub> (t), MgO, CaO, Na <sub>2</sub> O, K <sub>2</sub> O, CO <sub>2</sub> , [H <sub>2</sub> O+], [Org.C], [FeO]	70g
GBW07305a	Stream sediment	Fe <sub>2</sub> O <sub>3</sub> (t), Ti, Ag, As, Ba, Be, Bi, Cd, Ce, Co, Cr, Cs, Cu, Dy, Er, Eu, F, Ga, Gd, Ge, Hf, Hg, Ho, In, La, Li, Lu, Mn, Mo, Nb, Nd, Ni, P, Pb, Pr, Rb, Sb, Sc, Se, Sm, Sr, Ta, Tb, Th, Tm, U, V, W, Y, Yb, Zn, Zr, SiO <sub>2</sub> , Al <sub>2</sub> O <sub>3</sub> , MgO, CaO, Na <sub>2</sub> O, K <sub>2</sub> O, [B], [H <sub>2</sub> O+], [CO <sub>2</sub> ], [Org.C], [Sn], [S], [Tl], [FeO]	70g
GBW07306	Stream sediment	Fe <sub>2</sub> O <sub>3</sub> (t), Ti, Ag, As, B, Ba, Be, Bi, Cd, Ce, Co, Cr, Cs, Cu, Dy, Er, Eu, F, Ga, Gd, Ge, Hf, Hg, Ho, In, La, Li, Lu, Mn, Mo, Nb, Nd, Ni, P, Pb, Pr, Rb, Sb, Sc, Se, Sm, Sn, Sr, Ta, S, Tb, Th, Tl, Tm, U, V, W, Y, Yb, Zn, Zr, SiO <sub>2</sub> , Al <sub>2</sub> O <sub>3</sub> , FeO, MgO, CaO, Na <sub>2</sub> O, K <sub>2</sub> O, H <sub>2</sub> O+, CO <sub>2</sub> , [Org.C], [Te]	70g
GBW07307a	Stream sediment	Fe <sub>2</sub> O <sub>3</sub> (t), Ti, Ag, As, Ba, Be, Bi, Cd, Ce, Co, Cr, Cs, Cu, Dy, Er, Eu, F, Ga, Gd, Ge, Hf, Hg, Ho, In, La, Li, Lu, Mn, Mo, Nb, Nd, Ni, P, Pb, Pr, Rb, Sb, Sc, Se, Sm, Sr, Ta, Tb, Th, Tm, U, V, W, Y, Yb, Zn, Zr, SiO <sub>2</sub> , Al <sub>2</sub> O <sub>3</sub> , MgO, CaO, Na <sub>2</sub> O, K <sub>2</sub> O, [B], [H <sub>2</sub> O+], [CO <sub>2</sub> ], [Org.C], [Sn], [S], [Tl], [FeO]	70g
GBW07308a	Stream sediment	Fe <sub>2</sub> O <sub>3</sub> (t), Ti, Ag, As, Ba, Be, Bi, Cd, Ce, Co, Cr, Cs, Cu, Dy, Er, Eu, F, Ga, Gd, Ge, Hf, Hg, Ho, In, La, Li, Lu, Mn, Mo, Nb, Nd, Ni, P, Pb, Pr, Rb, Sb, Sc, Se, Sm, Sr, Ta, Tb, Th, Tm, U, V, W, Y, Yb, Zn, Zr, SiO <sub>2</sub> , Al <sub>2</sub> O <sub>3</sub> , MgO, CaO, Na <sub>2</sub> O, K <sub>2</sub> O, [B], [H <sub>2</sub> O+], [CO <sub>2</sub> ], [Org.C], [Sn], [S], [Tl], [FeO]	70g



Product Code	Product Name	Properties	Package
GBW07309	Stream Sediments	Fe <sub>2</sub> O <sub>3</sub> (t), Ag, As, Ba, Be, Bi, Cd, Ce, Co, Cr, Cs, Cu, Dy, Er, Eu, F, Ga, Gd, Ge, Hf, Hg, Ho, In, La, Li, Lu, Mn, Mo, Nb, Nd, Ni, P, Pb, Pr, Rb, S, Sb, Sc, Se, Sm, Sn, Sr, Ta, Tb, Th, Ti, Tl, Tm, U, V, W, Y, Yb, Zn, Zr, SiO <sub>2</sub> , Al <sub>2</sub> O <sub>3</sub> , FeO, MgO, CaO, Na <sub>2</sub> O, K <sub>2</sub> O, H <sub>2</sub> O+, CO <sub>2</sub> , Org.C, L.O.I., B, [Au], [Br], [Cl], [Te], [I]	70g
GBW07310	Stream Sediments	Fe <sub>2</sub> O <sub>3</sub> (t), Ti, Ag, As, B, Ba, Be, Bi, Cd, Ce, Co, Cr, Cs, Cu, Dy, Er, Eu, F, Ga, Gd, Ge, Hf, Hg, Ho, I, In, La, Li, Lu, Mn, Mo, Nb, Nd, Ni, P, Pb, Pr, Rb, S, Sb, Sc, Se, Sm, Sn, Sr, Tb, Te, Th, Tl, Tm, U, V, W, Y, Yb, Zn, Zr, SiO <sub>2</sub> , Al <sub>2</sub> O <sub>3</sub> , MgO, CaO, Na <sub>2</sub> O, K <sub>2</sub> O, CO <sub>2</sub> , Org.C, L.O.I., [Br], [Cl], [Ta], [FeO], [H <sub>2</sub> O+]	70g
GBW07311	Stream Sediments	Fe <sub>2</sub> O <sub>3</sub> (t), Ti, Ag, As, B, Ba, Be, Bi, Cd, Ce, Cl, Co, Cr, Cs, Cu, Dy, Er, Eu, F, Ga, Gd, Ge, Hf, Hg, Ho, I, In, La, Li, Lu, Mn, Mo, Nb, Nd, Ni, P, Pb, Pr, Rb, S, Sb, Sc, Se, Sm, Sn, Sr, Ta, Tb, Th, Tl, Tm, U, V, W, Y, Yb, Zn, Zr, SiO <sub>2</sub> , Al <sub>2</sub> O <sub>3</sub> , MgO, CaO, Na <sub>2</sub> O, K <sub>2</sub> O, H <sub>2</sub> O+, [CO <sub>2</sub> ], [Org.C], [L.O.I.], [Au], [Br], [Te], [FeO]	70g
GBW07312	Stream Sediments	Fe <sub>2</sub> O <sub>3</sub> (t), Ti, Ag, As, Ba, Be, Bi, Cd, Ce, Co, Cr, Cs, Cu, Dy, Er, Eu, F, Ga, Gd, Ge, Hf, Hg, Ho, I, In, La, Li, Lu, Mn, Mo, Nb, Nd, Ni, P, Pb, Pr, Rb, S, Sb, Sc, Se, Sm, Sn, Sr, Ta, Tb, Te, Th, Tl, Tm, U, V, W, Y, Yb, Zn, Zr, SiO <sub>2</sub> , Al <sub>2</sub> O <sub>3</sub> , FeO, MgO, CaO, Na <sub>2</sub> O, K <sub>2</sub> O, H <sub>2</sub> O+, L.O.I., B, [Au], [Br], [Cl], [CO <sub>2</sub> ], [Org.C]	70g
GBW07313	Marine sediment	SiO <sub>2</sub> , Al <sub>2</sub> O <sub>3</sub> , Fe <sub>2</sub> O <sub>3</sub> (t), TiO <sub>2</sub> , P <sub>2</sub> O <sub>5</sub> , MnO, MgO, CaO, Na <sub>2</sub> O, K <sub>2</sub> O, Ba, H <sub>2</sub> O+, S, Cl, As, B, Ce, Co, Cr, Cs, Cu, Dy, Er, Eu, Ga, Gd, Ho, La, Li, Lu, Mo, Nd, Ni, Pb, Pr, Rb, Sb, Sc, Sm, Sr, Tb, Th, Tm, U, V, W, Y, Yb, Zn, Zr, [FeO], [CO <sub>2</sub> ], [Org.C], [F], [L.O.I.], [salt], [Nb]	50g
GBW07314	Offshore marine Ssediment	SiO <sub>2</sub> , Al <sub>2</sub> O <sub>3</sub> , Fe <sub>2</sub> O <sub>3</sub> (T), CaO, MgO, K <sub>2</sub> O, Na <sub>2</sub> O, TiO <sub>2</sub> , P <sub>2</sub> O <sub>5</sub> , MnO, Org.C,	70g





Product Code	Product Name	Properties	Package
		CO <sub>3</sub> <sup>2-</sup> , As, Hg, Se, Cu, Pb, Zn, Cd, Ni, Co, Sr, Ba, Cr, [Yb], [Lu], [Y], [Pr], [Gd], [Dy], [Er], [Tm], [Rb], [Sc], [Th], [V], [Nb], [Ta], [Hf], [Cs], [W], [Sb], [U], [B], [Ga], [Mo], [Zr], [La], [Ce], [Nd], [Sm], [Eu], [Tb], [Ho]	
GBW07315	Marine sediment	SiO <sub>2</sub> , Al <sub>2</sub> O <sub>3</sub> , Fe <sub>2</sub> O <sub>3</sub> (t), TiO <sub>2</sub> , P <sub>2</sub> O <sub>5</sub> , MnO, MgO, CaO, Na <sub>2</sub> O, K <sub>2</sub> O, Ba, H <sub>2</sub> O+, S, Cl, As, B, Ce, Co, Cr, Cs, Cu, Dy, Er, Eu, Ga, Gd, Ho, La, Li, Lu, Mo, Nd, Ni, Pb, Pr, Rb, Sb, Sc, Sm, Sr, Tb, Th, Tm, U, V, W, Y, Yb, Zn, Zr, [FeO], [CO <sub>2</sub> ], [Org.C], [F], [L.O.I.], [salt], [Nb]	50g
GBW07316	Marine sediment	Al <sub>2</sub> O <sub>3</sub> , As, B, Ba, Be, Bi, Br, CaO, Ce, Cl, Co, CO <sub>2</sub> , Cr, Cs, Cu, Dy, Er, Eu, F, Fe <sub>2</sub> O <sub>3</sub> (t), Ga, Gd, Hf, Hg, Ho, K <sub>2</sub> O, La, Li, Lu, MgO, MnO, Mo, Na <sub>2</sub> O, Nb, Nd, Ni, P <sub>2</sub> O <sub>5</sub> , Pb, Pr, Rb, Sb, Sc, SiO <sub>2</sub> , Sm, Sr, Tb, Th, TiO <sub>2</sub> , Tm, U, V, W, Y, Yb, Zn, Zr, [Cd], [FeO], [H <sub>2</sub> O+], [L.O.I.], [SO <sub>3</sub> ], [Ta]	50g
GBW07317	Stream sediment	Fe <sub>2</sub> O <sub>3</sub> (t), Ti, Ag, As, B, Ba, Be, Bi, Ce, Co, Br, I, N, Cs, Cu, Dy, Er, Eu, Ga, Gd, Ge, Hf, Hg, Ho, La, Li, Lu, Mn, Mo, Nb, Nd, P, Pb, Pr, Rb, Sb, Sc, Se, Sm, Sr, Tb, Th, Tm, U, V, W, Y, Yb, Zn, Zr, SiO <sub>2</sub> , Al <sub>2</sub> O <sub>3</sub> , MgO, CaO, Na <sub>2</sub> O, K <sub>2</sub> O, L.O.I., Org.C, [F], [Cd], [Cl], [Cr], [In], [S], [Ni], [Sn], [Ta], [Tl], [H <sub>2</sub> O+], [CO <sub>2</sub> ], [FeO]	70g
GBW07318	Stream sediment	Fe <sub>2</sub> O <sub>3</sub> (t), Ti, Ag, As, B, Ba, Be, Bi, Ce, Co, Cr, F, Br, I, N, Cs, Cu, Dy, Er, Eu, Ga, Gd, Ge, Hf, Hg, Ho, La, Li, Lu, Mn, Mo, Nb, Nd, Ni, P, Pb, Pr, Rb, Sb, Sc, Sm, Sr, Ta, Tb, Th, Ti, Tm, U, V, W, Y, Yb, Zn, Zr, SiO <sub>2</sub> , Al <sub>2</sub> O <sub>3</sub> , MgO, CaO, Na <sub>2</sub> O, K <sub>2</sub> O, L.O.I., Org.C, [Cd], [Cl], [In], [Se], [Sn], [S], [Tl], [FeO], [H <sub>2</sub> O+], [CO <sub>2</sub> ]	70g
GBW07319	Stream sediment in tibet area	Ag, As, Au, B, Ba, Be, Bi, Br, Cd, Cl, Co, Cr, Cs, Cu, F, Ga, Ge, Hf, Hg, Li, Mn, Mo, Nb, Ni, P, Pb, Rb, Sc, Se, Sn, Sr, Ta, Te, Th, Ti, Tl, U, V, Ce, W, Zn, Zr, La, Sb, Pr, Nd, Sm, Eu, Gd, Tb, Dy, Ho, Er, Tm, Yb, Lu, Y, Fe <sub>2</sub> O <sub>3</sub> (t), MgO, Na <sub>2</sub> O, K <sub>2</sub> O, MnO, P <sub>2</sub> O <sub>5</sub> , Al <sub>2</sub> O <sub>3</sub> , SiO <sub>2</sub> , TiO <sub>2</sub> , [I], [In], [Pd], [Pt], [S]	60g



Product Code	Product Name	Properties	Package
GBW07320	Stream sediment in tibet area	Ag, As, B, Ba, Be, Bi, Br, Cd, Cl, Co, Cr, Cs, Cu, F, Ga, Ge, Hf, Hg, Sr, Ta, Te, Fe <sub>2</sub> O <sub>3</sub> (t), TiO <sub>2</sub> , Hf, Hg, Li, Mn, Mo, MnO, SiO <sub>2</sub> , P <sub>2</sub> O <sub>5</sub> , CaO, K <sub>2</sub> O, Al <sub>2</sub> O <sub>3</sub> , Ce, Nd, Lu, Zn, Gd, Pr, La, Ho, Y, Zr, Sm, Er, MgO, Eu, Tb, Yb, Au, W, Dy, V, Tm, Sb, Se, Sc, Rb, P, Ti, Pb, Sn, Nb, Ni, Tl, U, Th, Na <sub>2</sub> O, [S], [Pd], [In], [I], [Pt]	60g
GBW07321	Stream sediment in tibet area	Ag, As, B, Ba, Be, Bi, Br, Cd, Cl, Co, Cr, Cs, Cu, F, Ga, Ge, Hf, Hg, Sr, Ta, Te, Fe <sub>2</sub> O <sub>3</sub> (t), TiO <sub>2</sub> , Hf, Hg, Li, Mn, Mo, MnO, SiO <sub>2</sub> , P <sub>2</sub> O <sub>5</sub> , CaO, K <sub>2</sub> O, Al <sub>2</sub> O <sub>3</sub> , Ce, Nd, Lu, Zn, Gd, Pr, La, Ho, Y, Zr, Sm, Er, MgO, Eu, Tb, Yb, Au, W, Dy, V, Tm, Sb, Se, Sc, Rb, P, Ti, Pb, Sn, Nb, Ni, Tl, U, Th, Na <sub>2</sub> O, [S], [Pd], [In], [I], [Pt]	60g
GBW07322	Stream sediment in tibet area	Ag, As, B, Ba, Be, Bi, Br, Cd, Cl, Co, Cr, Cs, Cu, F, Ga, Ge, Hf, Hg, Sr, Ta, Te, Fe <sub>2</sub> O <sub>3</sub> (t), TiO <sub>2</sub> , Hf, Hg, Li, Mn, Mo, MnO, SiO <sub>2</sub> , P <sub>2</sub> O <sub>5</sub> , CaO, K <sub>2</sub> O, Al <sub>2</sub> O <sub>3</sub> , Ce, Nd, Lu, Zn, Gd, Pr, La, Ho, Y, Zr, Sm, Er, MgO, Eu, Tb, Yb, Au, W, Dy, V, Tm, Sb, Se, Sc, Rb, P, Ti, Pb, Sn, Nb, Ni, Tl, U, Th, Na <sub>2</sub> O, [S], [Pd], [In], [I], [Pt]	60g
GBW07323	Stream sediment in tibet area	Ag, As, B, Ba, Be, Bi, Br, Cd, Cl, Co, Cr, Cs, Cu, F, Ga, Ge, Hf, Hg, Sr, Ta, Te, Fe <sub>2</sub> O <sub>3</sub> (t), TiO <sub>2</sub> , Hf, Hg, Li, Mn, Mo, MnO, SiO <sub>2</sub> , P <sub>2</sub> O <sub>5</sub> , CaO, K <sub>2</sub> O, Al <sub>2</sub> O <sub>3</sub> , Ce, Nd, Lu, Zn, Gd, Pr, La, Ho, Y, Zr, Sm, Er, MgO, Eu, Tb, Yb, Au, W, Dy, V, Tm, Sb, Se, Sc, Rb, P, Ti, Pb, Sn, Nb, Ni, Tl, U, Th, Na <sub>2</sub> O, [S], [Pd], [In], [I], [Pt]	60g
GBW07324	Stream sediment in tibet area	Ag, As, B, Ba, Be, Bi, Br, Cd, Cl, Co, Cr, Cs, Cu, F, Ga, Ge, Hf, Hg, Sr, Ta, Te, Fe <sub>2</sub> O <sub>3</sub> (t), TiO <sub>2</sub> , Hf, Hg, Li, Mn, Mo, MnO, SiO <sub>2</sub> , P <sub>2</sub> O <sub>5</sub> , CaO, K <sub>2</sub> O, Al <sub>2</sub> O <sub>3</sub> , Ce, Nd, Lu, Zn, Gd, Pr, La, Ho, Y, Zr, Sm, Er, MgO, Eu, Tb, Yb, Au, W, Dy, V, Tm, Sb, Se, Sc, Rb, P, Ti, Pb, Sn, Nb, Ni, Tl, U, Th, Na <sub>2</sub> O, [S], [Pd], [In], [I], [Pt]	60g



Product Code	Product Name	Properties	Package
GBW07325	Stream sediment in tibet area	Ag, As, B, Ba, Be, Bi, Br, Cd, Cl, Co, Cr, Cs, Cu, F, Ga, Ge, Hf, Hg, Sr, Ta, Te, Fe2O3(t), TiO2, Hf, Hg, Li, Mn, Mo, MnO, SiO2, P2O5, CaO, K2O, Al2O3, Ce, Nd, Lu, Zn, Gd, Pr, La, Ho, Y, Zr, Sm, Er, MgO, Eu, Tb, Yb, Au, W, Dy, V, Tm, Sb, Se, Sc, Rb, P, Ti, Pb, Sn, Nb, Ni, Tl, U, Th, Na2O, [S], [Pd], [In], [I], [Pt]	60g
GBW07326	Stream sediment in tibet area	Ag, As, B, Ba, Be, Bi, Br, Cd, Cl, Co, Cr, Cs, Cu, F, Ga, Ge, Hf, Hg, Sr, Ta, Te, Fe2O3(t), TiO2, Hf, Hg, Li, Mn, Mo, MnO, SiO2, P2O5, CaO, K2O, Al2O3, Ce, Nd, Lu, Zn, Gd, Pr, La, Ho, Y, Zr, Sm, Er, MgO, Eu, Tb, Yb, Au, W, Dy, V, Tm, Sb, Se, Sc, Rb, P, Ti, Pb, Sn, Nb, Ni, Tl, U, Th, Na2O, [S], [Pd], [In], [I], [Pt]	60g
GBW07327	Stream sediment in tibet area	Ag, As, B, Ba, Be, Bi, Br, Cd, Cl, Co, Cr, Cs, Cu, F, Ga, Ge, Hf, Hg, Sr, Ta, Te, Fe2O3(t), TiO2, Hf, Hg, Li, Mn, Mo, MnO, SiO2, P2O5, CaO, K2O, Al2O3, Ce, Nd, Lu, Zn, Gd, Pr, La, Ho, Y, Zr, Sm, Er, MgO, Eu, Tb, Yb, Au, W, Dy, V, Tm, MgO, Sb, Se, Sc, Rb, P, Ti, Pb, Sn, Nb, Ni, Tl, U, Th, Na2O, MnO, [S], [Pd], [In], [I], [Pt]	60g
GBW07328	Stream sediment in tibet area	Ag, As, B, Ba, Be, Bi, Br, Cd, Cl, Co, Cr, Cs, Cu, F, Ga, Ge, Hf, Hg, Sr, Ta, Te, Fe2O3(t), TiO2, Hf, Hg, Li, Mn, Mo, MnO, SiO2, P2O5, CaO, K2O, Al2O3, Ce, Nd, Lu, Zn, Gd, Pr, La, Ho, Y, Zr, Sm, Er, MgO, Eu, Tb, Yb, Au, W, Dy, V, Tm, MgO, Sb, Se, Sc, Rb, P, Ti, Pb, Sn, Nb, Ni, Tl, U, Th, Na2O, MnO, [S], [Pd], [In], [I], [Pt]	60g
GBW07329	Stream sediment in tibet area	Ag, As, B, Ba, Be, Bi, Br, Cd, Cl, Co, Cr, Cs, Cu, F, Ga, Ge, Hf, Hg, Sr, Ta, Te, Fe2O3(t), TiO2, Hf, Hg, Li, Mn, Mo, MnO, SiO2, P2O5, CaO, K2O, Al2O3, Ce, Nd, Lu, Zn, Gd, Pr, La, Ho, Y, Zr, Sm, Er, MgO, Eu, Tb, Yb, Au, W, Dy, V, Tm, MgO, Sb, Se, Sc, Rb, P, Ti, Pb, Sn, Nb, Ni, Tl, U, Th, Na2O, MnO, [S], [Pd], [In], [I], [Pt]	60g



Product Code	Product Name	Properties	Package
GBW07330	Stream sediment in tibet area	Ag, As, B, Ba, Be, Bi, Br, Cd, Cl, Co, Cr, Cs, Cu, F, Ga, Ge, Hf, Hg, Sr, Ta, Te, Fe2O3(t), TiO2, Hf, Hg, Li, Mn, Mo, MnO, SiO2, P2O5, CaO, K2O, Al2O3, Ce, Nd, Lu, Zn, Gd, Pr, La, Ho, Y, Zr, Sm, Er, MgO, Eu, Tb, Yb, Au, W, Dy, V, Tm, MgO, Sb, Se, Sc, Rb, P, Ti, Pb, Sn, Nb, Ni, Tl, U, Th, Na2O, MnO, [S], [Pd], [In], [I], [Pt]	60g
GBW07331	Stream sediment in tibet area	Ag, As, B, Ba, Be, Bi, Br, Cd, Cl, Co, Cr, Cs, Cu, F, Ga, Ge, Hf, Hg, Sr, Ta, Te, Fe2O3(t), TiO2, Hf, Hg, Li, Mn, Mo, MnO, SiO2, P2O5, CaO, K2O, Al2O3, Ce, Nd, Lu, Zn, Gd, Pr, La, Ho, Y, Zr, Sm, Er, MgO, Eu, Tb, Yb, Au, W, Dy, V, Tm, MgO, Sb, Se, Sc, Rb, P, Ti, Pb, Sn, Nb, Ni, Tl, U, Th, Na2O, MnO, [S], [Pd], [In], [I], [Pt]	60g
GBW07332	Stream sediment in tibet area	Ag, As, B, Ba, Be, Bi, Br, Cd, Cl, Co, Cr, Cs, Cu, F, Ga, Ge, Hf, Hg, Sr, Ta, Te, Fe2O3(t), TiO2, Hf, Hg, Li, Mn, Mo, MnO, SiO2, P2O5, CaO, K2O, Al2O3, Ce, Nd, Lu, Zn, Gd, Pr, La, Ho, Y, Zr, Sm, Er, MgO, Eu, Tb, Yb, Au, W, Dy, V, Tm, MgO, Sb, Se, Sc, Rb, P, Ti, Pb, Sn, Nb, Ni, Tl, U, Th, Na2O, MnO, [S], [Pd], [In], [I], [Pt]	60g
GBW07333	Huanghai Sea sediment	Al2O3, CaO, Ce, CO2, Dy, Er, Eu, Fe2O3(t), Gd, Ho, K2O, La, Lu, MgO, MnO, Na2O, Nb, Nd, Org.C, P2O5, Pr, Rb, Sc, SiO2, Sm, Tb, Th, TiO2, Tm, U, Y, Yb, Zr, [Bi], [Cs], [Hf], [Li], [Sb], [Ta], [V], [W]	70g
GBW07334	Nanghai Sea Ssediment	Al2O3, As, Ba, Be, Bi, CaO, Cd, Ce, Co, CO2, Cr, Cs, Cu, Dy, Er, Eu, F, Fe2O3(t), Ga, Gd, Hg, Ho, K2O, La, Li, Lu, MgO, MnO, Mo, Na2O, Nb, Nd, Ni, P2O5, Pb, Pr, Rb, Sb, Se, SiO2, Sm, Sr, Tb, Th, TiO2, Tm, U, V, Y, Yb, Zn, Zr, [Br], [Cl], [Hf], [I], [N], [S], [Sc], [Ta], [Tl], [W]	70g
GBW07358	Stream sediment	Fe2O3(t), Ti, Ag, As, Ba, Be, Bi, Cd, Ce, Co, Cr, Cs, Cu, Dy, Er, Eu, F, Ga, Gd, Ge, Hf, Hg, Ho, In, La, Li, Lu, Mn, Mo, Nb, Nd, Ni, P, Pb, Pr, Rb, Sb, Sc, Se, Sm, Sr, Ta, Tb, Th, Tm, U, V, W, Y, Yb, Zn, Zr, SiO2, Al2O3, MgO,	70g



Product Code	Product Name	Properties	Package
		CaO, Na <sub>2</sub> O, K <sub>2</sub> O, [B], [H <sub>2</sub> O+], [CO <sub>2</sub> ], [Org.C], [Sn], [S], [Tl], [FeO]	
GBW07359	Stream sediment	Fe <sub>2</sub> O <sub>3</sub> (t), Ti, Ag, As, Ba, Be, Bi, Cd, Ce, Co, Cr, Cs, Cu, Dy, Er, Eu, F, Ga, Gd, Ge, Hf, Hg, Ho, In, La, Li, Lu, Mn, Mo, Nb, Nd, Ni, P, Pb, Pr, Rb, Sb, Sc, Se, Sm, Sr, Ta, Tb, Th, Tm, U, V, W, Y, Yb, Zn, Zr, SiO <sub>2</sub> , Al <sub>2</sub> O <sub>3</sub> , MgO, CaO, Na <sub>2</sub> O, K <sub>2</sub> O, [B], [H <sub>2</sub> O+], [CO <sub>2</sub> ], [Org.C], [Sn], [S], [Tl], [FeO]	70g
GBW07360	Stream sediment	Fe <sub>2</sub> O <sub>3</sub> (t), Ti, Ag, As, Ba, Be, Bi, Cd, Ce, Co, Cr, Cs, Cu, Dy, Er, Eu, F, Ga, Gd, Ge, Hf, Hg, Ho, In, La, Li, Lu, Mn, Mo, Nb, Nd, Ni, P, Pb, Pr, Rb, Sb, Sc, Se, Sm, Sr, Ta, Tb, Th, Tm, U, V, W, Y, Yb, Zn, Zr, SiO <sub>2</sub> , Al <sub>2</sub> O <sub>3</sub> , MgO, CaO, Na <sub>2</sub> O, K <sub>2</sub> O, [B], [H <sub>2</sub> O+], [CO <sub>2</sub> ], [Org.C], [Sn], [S], [Tl], [FeO]	70g
GBW07361	Stream sediment	Fe <sub>2</sub> O <sub>3</sub> (t), Ti, Ag, As, Ba, Be, Bi, Cd, Ce, Co, Cr, Cs, Cu, Dy, Er, Eu, F, Ga, Gd, Ge, Hf, Hg, Ho, In, La, Li, Lu, Mn, Mo, Nb, Nd, Ni, P, Pb, Pr, Rb, Sb, Sc, Se, Sm, Sr, Ta, Tb, Th, Tm, U, V, W, Y, Yb, Zn, Zr, SiO <sub>2</sub> , Al <sub>2</sub> O <sub>3</sub> , MgO, CaO, Na <sub>2</sub> O, K <sub>2</sub> O, [B], [H <sub>2</sub> O+], [CO <sub>2</sub> ], [Org.C], [Sn], [S], [Tl], [FeO]	70g
GBW07362	Stream sediment	Fe <sub>2</sub> O <sub>3</sub> (t), Ti, Ag, As, Ba, Be, Bi, Cd, Ce, Co, Cr, Cs, Cu, Dy, Er, Eu, F, Ga, Gd, Ge, Hf, Hg, Ho, In, La, Li, Lu, Mn, Mo, Nb, Nd, Ni, P, Pb, Pr, Rb, Sb, Sc, Se, Sm, Sr, Ta, Tb, Th, Tm, U, V, W, Y, Yb, Zn, Zr, SiO <sub>2</sub> , Al <sub>2</sub> O <sub>3</sub> , MgO, CaO, Na <sub>2</sub> O, K <sub>2</sub> O, [B], [H <sub>2</sub> O+], [CO <sub>2</sub> ], [Org.C], [Sn], [S], [Tl], [FeO]	70g
GBW07363	Stream sediment	Fe <sub>2</sub> O <sub>3</sub> (t), Ti, Ag, As, Ba, Be, Bi, Cd, Ce, Co, Cr, Cs, Cu, Dy, Er, Eu, F, Ga, Gd, Ge, Hf, Hg, Ho, In, La, Li, Lu, Mn, Mo, Nb, Nd, Ni, P, Pb, Pr, Rb, Sb, Sc, Se, Sm, Sr, Ta, Tb, Th, Tm, U, V, W, Y, Yb, Zn, Zr, SiO <sub>2</sub> , Al <sub>2</sub> O <sub>3</sub> , MgO, CaO, Na <sub>2</sub> O, K <sub>2</sub> O, [B], [H <sub>2</sub> O+], [CO <sub>2</sub> ], [Org.C], [Sn], [S], [Tl], [FeO]	70g
GBW07364	Stream sediment	Fe <sub>2</sub> O <sub>3</sub> (t), Ti, Ag, As, Ba, Be, Bi, Cd, Ce, Co, Cr, Cs, Cu, Dy, Er, Eu, F, Ga, Gd, Ge, Hf, Hg, Ho, In, La, Li, Lu, Mn, Mo, Nb, Nd, Ni, P, Pb, Pr, Rb, Sb, Sc, Se, Sm, Sr, Ta, Tb, Th, Tm, U, V, W, Y, Yb, Zn, Zr, SiO <sub>2</sub> , Al <sub>2</sub> O <sub>3</sub> , MgO, CaO, Na <sub>2</sub> O, K <sub>2</sub> O, [B], [H <sub>2</sub> O+], [CO <sub>2</sub> ], [Org.C], [Sn], [S], [Tl], [FeO]	70g



Product Code	Product Name	Properties	Package
GBW07365	Stream sediment	Fe <sub>2</sub> O <sub>3</sub> (t), Ti, Ag, As, Ba, Be, Bi, Cd, Ce, Co, Cr, Cs, Cu, Dy, Er, Eu, F, Ga, Gd, Ge, Hf, Hg, Ho, In, La, Li, Lu, Mn, Mo, Nb, Nd, Ni, P, Pb, Pr, Rb, Sb, Sc, Se, Sm, Sr, Ta, Tb, Th, Tm, U, V, W, Y, Yb, Zn, Zr, SiO <sub>2</sub> , Al <sub>2</sub> O <sub>3</sub> , MgO, CaO, Na <sub>2</sub> O, K <sub>2</sub> O, [B], [H <sub>2</sub> O+], [CO <sub>2</sub> ], [Org.C], [Sn], [S], [Tl], [FeO]	70g
GBW07366	Stream sediment	Fe <sub>2</sub> O <sub>3</sub> (t), Ti, Ag, As, Ba, Be, Bi, Cd, Ce, Co, Cr, Cs, Cu, Dy, Er, Eu, F, Ga, Gd, Ge, Hf, Hg, Ho, In, La, Li, Lu, Mn, Mo, Nb, Nd, Ni, P, Pb, Pr, Rb, Sb, Sc, Se, Sm, Sr, Ta, Tb, Th, Tm, U, V, W, Y, Yb, Zn, Zr, SiO <sub>2</sub> , Al <sub>2</sub> O <sub>3</sub> , MgO, CaO, Na <sub>2</sub> O, K <sub>2</sub> O, [B], [H <sub>2</sub> O+], [CO <sub>2</sub> ], [Org.C], [Sn], [S], [Tl], [FeO]	70g
GBW07401	Soil	Ag, As, B, Ba, Be, Bi, Br, Cd, Ce, Cl, Co, Org.C, Cr, Cs, Cu, Dy, Er, Eu, F, Ga, Gd, Ge, Hf, Hg, Ho, I, In, La, Li, Lu, Mn, Mo, Na <sub>2</sub> O, Nb, Nd, Ni, P, Pb, Pr, Rb, Sc, Se, Sm, Sn, Sr, Ta, Tb, Th, Ti, Tm, U, V, W, Y, Yb, Zn, Zr, [Au], Ti, Sb, Fe <sub>2</sub> O <sub>3</sub> (t), CaO, MgO, K <sub>2</sub> O, N, CO <sub>2</sub> , [FeO], [H <sub>2</sub> O+], [L.O.I.], [S], [Te]	70g
GBW07402	Soil	Ag, As, B, Ba, Be, Bi, Br, Cd, Ce, Co, Org.C, Cr, Cs, Cu, Dy, Er, Eu, F, Ga, Gd, Ge, Hf, Hg, Ho, I, In, La, Li, Lu, Mn, Mo, Na <sub>2</sub> O, Nb, Nd, Ni, P, Pb, Pr, Rb, Sc, Se, Sm, Sn, Sr, Ta, Tb, [Te], Th, Ti, Tm, U, V, W, Y, Yb, Zn, Zr, Ti, Sb, Fe <sub>2</sub> O <sub>3</sub> (t), FeO, CaO, MgO, K <sub>2</sub> O, N, S, L.O.I., [Au], [Cl], [CO <sub>2</sub> ], [H <sub>2</sub> O+]	70g
GBW07403	Soil	Ag, As, B, Ba, Be, Bi, Br, Cd, Ce, Co, Org.C, Cr, Cs, Cu, Dy, Er, Eu, F, Ga, Gd, Ge, Hf, Hg, Ho, I, In, La, Li, Lu, Mn, Mo, Na <sub>2</sub> O, Nb, Nd, Ni, P, Pb, Pr, Rb, Sc, Se, Sm, Sn, Sr, Ta, Tb, Te, Th, Ti, Tm, U, V, W, Y, Yb, Zn, Zr, Ti, Sb, Fe <sub>2</sub> O <sub>3</sub> (t), FeO, CaO, MgO, K <sub>2</sub> O, N, S, L.O.I., [Cl], [H <sub>2</sub> O+], [CO <sub>2</sub> ]	70g
GBW07404	Soil	Ag, Al <sub>2</sub> O <sub>3</sub> , As, B, Ba, Be, Bi, Br, CaO, Cd, Ce, Co, Cr, Cs, Cu, Dy, Er, Eu, F, Fe <sub>2</sub> O <sub>3</sub> (t), Ga, Gd, Ge, Hf, Hg, Ho, I, In, K <sub>2</sub> O, La, Li, Lu, MgO, Mn, Mo, N, Na <sub>2</sub> O, Nb, Nd, Ni, Org.C, P, Pb, Pr, Rb, S, Sb, Sc, Se, SiO <sub>2</sub> , Sm, Sn, Sr, Ta, Tb, Th, Ti, Tm, U, V, W, Y, Yb, Zn, Zr, [Au], [Cl], [CO <sub>2</sub> ], [FeO],	70g



Product Code	Product Name	Properties	Package
		[H2O+], [L.O.I.], [Te]	
GBW07405	Soil	Ag, Al2O3, As, Au, B, Ba, Be, Bi, Cd, Ce, Co, Cr, Cs, Cu, Dy, Er, Eu, F, Ga, Gd, Ge, Hf, Hg, Ho, I, In, K2O, La, Li, Lu, MgO, Mn, Mo, N, Na2O, Nb, Nd, Ni, P, Pb, Pr, Rb, S, Sb, Sc, Se, SiO2, Sm, Sn, Sr, Sr, Ta, Tb, Fe2O3(t), Th, Ti, Tm, U, V, W, Y, Yb, Zn, Zr, [Br], [CaO], [Cl], [CO2], [FeO], [H2O+], [L.O.I.], [Org.C], [Te]	70g
GBW07406	Soil	Ag, Al2O3, As, B, Ba, Be, Bi, CaO, Cd, Ce, Cl, Co, Cr, Cs, Cu, Dy, Er, Eu, F, Ga, Gd, Ge, Hf, Hg, Ho, I, In, K2O, La, Li, Lu, Lu, MgO, Mn, Mo, N, Na2O, Nb, Nd, Ni, Org.C, P, Pb, Pr, Rb, S, Sb, Sc, Se, SiO2, Sm, Sn, Sr, Ta, Tb, Fe2O3(t), Th, Ti, Tm, U, V, W, Y, Yb, Zn, Zr, [Au], [Br], [CO2], [FeO], [H2O+], [L.O.I.], [Te]	70g
GBW07407	Soil	Ag, Al2O3, As, Ba, Be, Bi, Br, CaO, Cd, Ce, Cl, Co, Cr, Cs, Cu, Dy, Er, Eu, F, Ga, Gd, Ge, Hf, Hg, Ho, I, In, K2O, La, Li, Lu, MgO, Mn, Mo, N, Na2O, Nb, Nd, Ni, Org.C, P, Pb, Pr, Rb, S, Sb, Sc, Se, SiO2, Sm, Sn, Sr, Ta, Tb, Fe2O3(t), Th, Ti, Tm, U, V, W, Y, Yb, Zn, Zr, [Au], [B], [CO2], [FeO], [H2O+], [L.O.I.], [Te]	70g
GBW07408	Soil	Ag, Al2O3, As, B, Ba, Be, Bi, CaO, Cd, Ce, Co, CO2, Cr, Cs, Cu, Dy, Er, Eu, F, Fe2O3(t), FeO, Ga, Gd, Hf, Hg, Ho, I, K2O, L.O.I., La, Li, Lu, MgO, Mn, Mo, N, Na2O, Nb, Nd, Ni, P, Pb, Pr, Rb, S, Sb, Sc, Se, SiO2, Sm, Sn, Sr, Ta, Tb, Te, Ti, Tm, U, V, W, Y, Yb, Zn, Zr, [Au], [Br], [Cl], [H2O+], [In], [Org.C]	70g
GBW07409	Soil	Ag, As, B, Ba, Be, Bi, Cd, Ce, Cl, Co, Cr, Cs, Cu, Dy, Er, Eu, F, Ga, Gd, Ge, Hf, Hg, Ho, I, In, La, Li, Lu, Mn, Mo, Nb, Nd, Ni, P, Pb, Pr, Rb, S, Sb, Sc, Se, Sm, Sn, Sr, Ta, Tb, Th, Ti, Tl, Tm, U, V, W, Y, Yb, Zn, Zr, N, SiO2, Al2O3, Fe2O3(t), MgO, CaO, Na2O, K2O, Org.C, [Au], [Br], [Te], [FeO],	100g





Product Code	Product Name	Properties	Package
		[H2O+], [CO2], [L.O.I].	
GBW07410	Soil	Ag, As, B, Ba, Be, Bi, Cd, Ce, Cl, Co, Cr, Cs, Cu, Dy, Er, Eu, F, Ga, Gd, Ge, Hf, Hg, Ho, I, In, La, Li, Lu, Mn, Mo, Nb, Nd, Ni, P, Pb, Pr, Rb, S, Sb, Sc, Se, Sm, Sn, Sr, Ta, Tb, Th, Ti, Tl, Tm, U, V, W, Y, Yb, Zn, Zr, N, SiO2, Al2O3, Fe2O3(t), MgO, CaO, Na2O, K2O, Org.C, [Au], [Br], [Te], [FeO], [H2O+], [CO2], [L.O.I]	100g
GBW07412a	Available nutrients in soil	exchangeable Ca, exchangeable K, exchangeable Al, exchangeable Mg, exchangeable Na, exchangeable H, hydrolytic N, available potassium, organic matter, available Si, available P, available B, available Fe, available Cu, available Zn, available Mo	500g
GBW07413a	Available nutrients in soil	exchangeable Ca, exchangeable K, exchangeable Al, exchangeable Mg, exchangeable Na, exchangeable H, hydrolytic N, available potassium, organic matter, available Si, available P, available B, available Fe, available Cu, available Zn, available Mo	500g
GBW07414a	Available nutrients in soil	exchangeable Ca, exchangeable K, exchangeable Al, exchangeable Mg, exchangeable Na, exchangeable H, hydrolytic N, available potassium, organic matter, available Si, available P, available B, available Fe, available Cu, available Zn, available Mo	500g
GBW07415a	Available nutrients in soil	exchangeable Ca, exchangeable K, exchangeable Al, exchangeable Mg, exchangeable Na, exchangeable H, hydrolytic N, available potassium, organic matter, available Si, available P, available B, available Fe, available Cu, available Zn, available Mo	500g
GBW07416a	Available nutrients in soil	exchangeable Ca, exchangeable K, exchangeable Al, exchangeable Mg, exchangeable Na, exchangeable H, hydrolytic N, available potassium, organic matter, available Si, available P, available B, available Fe, available Cu,	500g



Product Code	Product Name	Properties	Package
		available Zn, available Mo	
GBW07417a	Available nutrients in soil	exchangeable Ca, exchangeable K, exchangeable Al, exchangeable Mg, exchangeable Na, exchangeable H, hydrolytic N, available potassium, organic matter, available Si, available P, available B, available Fe, available Cu, available Zn, available Mo	500g
GBW07418	Soil	As, B, Ba, Be, CaO, Co, Cr, Cu, F, Fe <sub>2</sub> O <sub>3</sub> , Ga, Hg, K <sub>2</sub> O, La, Li, MgO, N, Nb, Ni, Pb, Rb, Sb(t), Sr, Te, Th, U, V, W, Y, Zn, Zr, [Bi], [Cd], [Cl], [CO <sub>2</sub> ], [Fe <sub>2</sub> O <sub>3</sub> (t)], [FeO], [H <sub>2</sub> O+], [I], [Mo], [S], [Se], [Sn]	100g
GBW07419	Soil	As, B, Ba, Be, CaO, Cl, Co, CO <sub>2</sub> , Cr, Dy, Fe <sub>2</sub> O <sub>3</sub> , Ga, H <sub>2</sub> O+, Hg, K <sub>2</sub> O, La, Li, MgO, N, Nb, Ni, Pb, Rb, S, Sb(t), Se, Sn, Sr, Th, U, V, W, Y, Zn, Zr, [Bi], [Cd], [F], [Fe <sub>2</sub> O <sub>3</sub> (t)], [FeO], [Mo], [Te]	100g
GBW07420	Soil	As, B, Ba, Be, Bi, CaO, Cl, Co, CO <sub>2</sub> , Cr, Cu, F, Fe <sub>2</sub> O <sub>3</sub> (t), Ga, K <sub>2</sub> O, La, MgO, Mo, N, Nb, Ni, Pb, Rb, Sb(t), Sn, Sr, Th, U, V, W, Y, Zn, Zr, [Cd], [FeO], [H <sub>2</sub> O+], [Hg], [S], [Se], [Te], TFe <sub>2</sub> O <sub>3</sub>	100g
GBW07421	Soil	As, B, Ba, Be, Bi, CaO, Cl, Co, CO <sub>2</sub> , Cr, Cu, F, Fe <sub>2</sub> O <sub>3</sub> (t), Ga, K <sub>2</sub> O, La, MgO, Mo, N, Nb, Ni, Pb, Rb, Sb(t), Sn, Sr, Th, U, V, W, Y, Zn, Zr, [Cd], [FeO], [H <sub>2</sub> O+], [Hg], [S], [Se], [Te], [TFe <sub>2</sub> O <sub>3</sub> ]	100g
GBW07422	Soil	As, B, Ba, Be, Bi, CaO, Co, CO <sub>2</sub> , Cr, Cu, F, Fe <sub>2</sub> O <sub>3</sub> , Ga, K <sub>2</sub> O, La, Li, MgO, N, Nb, Ni, Pb, Rb, S, Sb(t), Sn, Sr, Th, U, V, W, Y, Zr, [Cd], [Cl], [FeO], [H <sub>2</sub> O+], [Hg], [Mo], [Se], [Sn], [Te], [TFe <sub>2</sub> O <sub>3</sub> ], [Zn]	100g
GBW07423	Lake deposit	Ag, Al <sub>2</sub> O <sub>3</sub> , As, B, Ba, Be, Bi, CaO, Ce, Co, CO <sub>2</sub> , Cr, Cs, Cu, Dy, Er, Eu, F, Ga, Gd, Ge, Hf, Hg, Ho, I, K <sub>2</sub> O, La, Li, Lu, MgO, Mn, Mo, Na <sub>2</sub> O, Nb, Nd, Ni, P, Pb, Pr, Rb, S, Sb, Sc, Se, SiO <sub>2</sub> , Sm, Sn, Sr, Ta, Tb, Fe <sub>2</sub> O <sub>3</sub> (t), Th, Ti, Tm, U, V, W, Y, Yb, Zn, Zr, [Cd], [Cl], [Te], [In], [Tl], [FeO], [H <sub>2</sub> O+], [L.O.I.]	70g



Product Code	Product Name	Properties	Package
GBW07424	Soil	Ag, As, B, Ba, Be, Bi, Br, Cd, Ce, Cl, Co, Cr, Cs, Cu, Dy, Er, Eu, F, Ga, Gd, Ge, Hf, Hg, Ho, I, In, La, Li, Lu, Mn, MnO, Mo, Nb, Nd, Ni, P, Pb, Pr, Rb, S, Sb(DA), Sb(T), Sc, Se, Sm, Sn, Sr, Ta, Tb, Th, Tl, Tm, U, V, W, Y, Yb, Zn, Zr, N, Ti, SiO <sub>2</sub> , Al <sub>2</sub> O <sub>3</sub> , Fe <sub>2</sub> O <sub>3</sub> (t), MgO, CaO, Na <sub>2</sub> O, K <sub>2</sub> O, Org.C, [Re], [Sb(T)], [FeO], [H <sub>2</sub> O+], [CO <sub>2</sub> ]	70g
GBW07425	Soil	Ag, As, B, Ba, Be, Bi, Br, Cd, Ce, Cl, Co, Cr, Cs, Cu, Dy, Er, Eu, F, Ga, Gd, Ge, Hf, Hg, Ho, I, In, La, Li, Lu, Mn, MnO, Mo, Nb, Nd, Ni, P, Pb, Pr, Rb, S, Sb(DA), Sb(T), Sc, Se, Sm, Sn, Sr, Ta, Tb, Th, Tl, Tm, U, V, W, Y, Yb, Zn, Zr, N, Ti, SiO <sub>2</sub> , Al <sub>2</sub> O <sub>3</sub> , Fe <sub>2</sub> O <sub>3</sub> (t), MgO, CaO, Na <sub>2</sub> O, K <sub>2</sub> O, Org.C, [Sb(T)], [FeO], [H <sub>2</sub> O+], [CO <sub>2</sub> ]	70g
GBW07426	Soil	Ag, As, B, Ba, Be, Bi, Br, Cd, Ce, Co, Cr, Cs, Cu, Dy, Er, Eu, F, Ga, Gd, Ge, Hf, Hg, Ho, I, In, La, Li, Lu, Mn, MnO, Mo, Nb, Nd, Ni, P, Pb, Pr, Rb, S, Sb(DA), Sb(T), Sc, Se, Sm, Sn, Sr, Ta, Tb, Th, Tl, Tm, U, V, W, Y, Yb, Zn, Zr, N, Ti, SiO <sub>2</sub> , Al <sub>2</sub> O <sub>3</sub> , Fe <sub>2</sub> O <sub>3</sub> (t), FeO, MgO, CaO, Na <sub>2</sub> O, K <sub>2</sub> O, CO <sub>2</sub> , [Org.C], [Cl], [Sb(T)], [H <sub>2</sub> O+]	70g
GBW07427	Soil	Ag, As, B, Ba, Be, Bi, Br, Cd, Ce, Cl, Co, Cr, Cs, Cu, Dy, Er, Eu, F, Ga, Gd, Ge, Hf, Hg, Ho, I, In, La, Li, Lu, Mn, MnO, Mo, Nb, Nd, Ni, P, Pb, Pr, Rb, Sb(DA), Sb(T), Sc, Se, Sm, Sn, Sr, Ta, Tb, Th, Tl, Tm, U, V, W, Y, Yb, Zn, Zr, N, Ti, SiO <sub>2</sub> , Al <sub>2</sub> O <sub>3</sub> , Fe <sub>2</sub> O <sub>3</sub> (t), FeO, MgO, CaO, Na <sub>2</sub> O, K <sub>2</sub> O, CO <sub>2</sub> , Org.C, [Re], [S], [Sb(T)], [H <sub>2</sub> O+]	70g
GBW07428	Soil	Ag, As, B, Ba, Be, Bi, Br, Cd, Ce, Cl, Co, Cr, Cs, Cu, Dy, Er, Eu, F, Ga, Gd, Ge, Hf, Hg, Ho, I, In, La, Li, Lu, Mn, MnO, Mo, Nb, Nd, Ni, P, Pb, Pr, Rb, S, Sb(DA), Sb(T), Sc, Se, Sm, Sn, Sr, Ta, Tb, Th, Tl, Tm, U, V, W, Y, Yb, Zn, Zr, N, Ti, SiO <sub>2</sub> , Al <sub>2</sub> O <sub>3</sub> , Fe <sub>2</sub> O <sub>3</sub> (t), MgO, CaO, Na <sub>2</sub> O, K <sub>2</sub> O, Org.C, [Sb(T)], [FeO], [H <sub>2</sub> O+], [CO <sub>2</sub> ]	70g



Product Code	Product Name	Properties	Package
GBW07429	Soil	Ag, As, B, Ba, Be, Bi, Br, Cd, Ce, Cl, Co, Cr, Cs, Cu, Dy, Er, Eu, F, Ga, Gd, Ge, Hf, Hg, Ho, I, In, La, Li, Lu, Mn, MnO, Mo, Nb, Nd, Ni, P, Pb, Pr, Rb, S, Sb(DA), Sb(T), Sc, Se, Sm, Sn, Sr, Ta, Tb, Th, Tl, Tm, U, V, W, Y, Yb, Zn, Zr, N, Ti, SiO <sub>2</sub> , Al <sub>2</sub> O <sub>3</sub> , Fe <sub>2</sub> O <sub>3</sub> (t), FeO, MgO, CaO, Na <sub>2</sub> O, K <sub>2</sub> O, Org.C, [Re], [Sb(T)], [H <sub>2</sub> O+], [Te], [CO <sub>2</sub> ]	70g
GBW07430	Soil	Ag, Al <sub>2</sub> O <sub>3</sub> , As, B, Ba, Be, Bi, Br, CaO, Cd, Ce, Cl, Co, Cr, Cs, Cu, Dy, Er, Eu, F, Ga, Gd, Ge, Hf, Hg, Ho, I, In, K <sub>2</sub> O, La, Li, Lu, MgO, Mn, Mo, N, Na <sub>2</sub> O, Nb, Nd, Ni, Org.C, P, Pb, Pr, Rb, S, Sb(DA), Sc, Se, SiO <sub>2</sub> , Sm, Sn, Sr, Ta, Tb, TFe <sub>2</sub> O <sub>3</sub> , Th, Ti, Tm, U, V, W, Y, Yb, Zn, Zr, [CO <sub>2</sub> ], [FeO], [H <sub>2</sub> O+], [Re], [Sb(t)]	70g
GBW07436	Lake sediment for extractable trace elements (by BCR and Tessier methods)	As, Cd, Co, Cr, Cu, Mn, Mo, Ni, Pb, Zn, Sb, [Se], [Hg]	30g
GBW07437	Soil for extractable trace elements (by BCR and Tessier methods)	As, Cd, Co, Cr, Cu, Mn, Mo, Ni, Pb, Zn, Sb, [Se], [Hg]	30g
GBW07438	Soil for extractable trace elements (by BCR and Tessier methods)	As, Cd, Co, Cr, Cu, Mn, Mo, Ni, Pb, Zn, Sb, [Se], [Hg]	30g
GBW07446	Soil	Ag, As, B, Ba, Be, Bi, Br, Cd, Ce, Cl, Co, Cr, Cs, Cu, Dy, Er, Eu, F, Ga, Gd, Ge, Hf, Hg, Ho, I, In, La, Li, Lu, Mn, MnO, Mo, Nb, Nd, Ni, P, Pb, Pr, Rb, S, Sb(DA), Sb(T), Sc, Se, Sm, Sn, Sr, Ta, Tb, Th, Tl, Tm, U, V, W, Y, Yb, Zn, Zr, N, Ti, SiO <sub>2</sub> , Al <sub>2</sub> O <sub>3</sub> , Fe <sub>2</sub> O <sub>3</sub> (t), MgO, CaO, Na <sub>2</sub> O, K <sub>2</sub> O, Org.C, [Re], [Sb(T)], [FeO], [H <sub>2</sub> O+], [CO <sub>2</sub> ]	70g
GBW07447	Soil	Ag, As, B, Ba, Be, Bi, Br, Cd, Ce, Cl, Co, Cr, Cs, Cu, Dy, Er, Eu, F, Ga, Gd, Ge, Hf, Hg, Ho, I, In, La, Li, Lu, Mn, MnO, Mo, Nb, Nd, Ni, P, Pb, Pr, Rb, S, Sb(DA), Sb(T), Sc, Se, Sm, Sn, Sr, Ta, Tb, Th, Tl, Tm, U, V, W, Y, Yb, Zn, Zr, N, Ti, SiO <sub>2</sub> , Al <sub>2</sub> O <sub>3</sub> , Fe <sub>2</sub> O <sub>3</sub> (t), MgO, CaO, Na <sub>2</sub> O, K <sub>2</sub> O, Org.C, [Re],	70g



Product Code	Product Name	Properties	Package
		[Sb(T)], [FeO], [H2O+], [CO2]	
GBW07448	Soil	Ag, As, B, Ba, Be, Bi, Br, Cd, Ce, Cl, Co, Cr, Cs, Cu, Dy, Er, Eu, F, Ga, Gd, Ge, Hf, Hg, Ho, I, In, La, Li, Lu, Mn, MnO, Mo, Nb, Nd, Ni, P, Pb, Pr, Rb, S, Sb(DA), Sb(T), Sc, Se, Sm, Sn, Sr, Ta, Tb, Th, Tl, Tm, U, V, W, Y, Yb, Zn, Zr, N, Ti, SiO2, Al2O3, Fe2O3(t), MgO, CaO, Na2O, K2O, Org.C, [Re], [Sb(T)], [FeO], [H2O+], [CO2]	70g
GBW07449	Soil	Ag, As, B, Ba, Be, Bi, Br, Cd, Ce, Cl, Co, Cr, Cs, Cu, Dy, Er, Eu, F, Ga, Gd, Ge, Hf, Hg, Ho, I, In, La, Li, Lu, Mn, MnO, Mo, Nb, Nd, Ni, P, Pb, Pr, Rb, S, Sb(DA), Sb(T), Sc, Se, Sm, Sn, Sr, Ta, Tb, Th, Tl, Tm, U, V, W, Y, Yb, Zn, Zr, N, Ti, SiO2, Al2O3, Fe2O3(t), MgO, CaO, Na2O, K2O, Org.C, [Re], [Sb(T)], [FeO], [H2O+], [CO2]	70g
GBW07450	Soil	Ag, As, B, Ba, Be, Bi, Br, Cd, Ce, Cl, Co, Cr, Cs, Cu, Dy, Er, Eu, F, Ga, Gd, Ge, Hf, Hg, Ho, I, In, La, Li, Lu, Mn, MnO, Mo, Nb, Nd, Ni, P, Pb, Pr, Rb, S, Sb(DA), Sb(T), Sc, Se, Sm, Sn, Sr, Ta, Tb, Th, Tl, Tm, U, V, W, Y, Yb, Zn, Zr, N, Ti, SiO2, Al2O3, Fe2O3(t), MgO, CaO, Na2O, K2O, Org.C, [Re], [Sb(T)], [FeO], [H2O+], [CO2]	70g
GBW07451	Soil	Ag, As, B, Ba, Be, Bi, Br, Cd, Ce, Cl, Co, Cr, Cs, Cu, Dy, Er, Eu, F, Ga, Gd, Ge, Hf, Hg, Ho, I, In, La, Li, Lu, Mn, MnO, Mo, Nb, Nd, Ni, P, Pb, Pr, Rb, S, Sb(DA), Sb(T), Sc, Se, Sm, Sn, Sr, Ta, Tb, Th, Tl, Tm, U, V, W, Y, Yb, Zn, Zr, N, Ti, SiO2, Al2O3, Fe2O3(t), MgO, CaO, Na2O, K2O, Org.C, [Re], [Sb(T)], [FeO], [H2O+], [CO2]	70g
GBW07452	Soil	Ag, As, B, Ba, Be, Bi, Br, Cd, Ce, Cl, Co, Cr, Cs, Cu, Dy, Er, Eu, F, Ga, Gd, Ge, Hf, Hg, Ho, I, In, La, Li, Lu, Mn, MnO, Mo, Nb, Nd, Ni, P, Pb, Pr, Rb, S, Sb(DA), Sb(T), Sc, Se, Sm, Sn, Sr, Ta, Tb, Th, Tl, Tm, U, V, W, Y, Yb, Zn, Zr, N, Ti, SiO2, Al2O3, Fe2O3(t), MgO, CaO, Na2O, K2O, Org.C, [Re],	70g



Product Code	Product Name	Properties	Package
		[Sb(T)], [FeO], [H2O+], [CO2]	
GBW07453	Soil	Ag, As, B, Ba, Be, Bi, Br, Cd, Ce, Cl, Co, Cr, Cs, Cu, Dy, Er, Eu, F, Ga, Gd, Ge, Hf, Hg, Ho, I, In, La, Li, Lu, Mn, MnO, Mo, Nb, Nd, Ni, P, Pb, Pr, Rb, S, Sb(DA), Sb(T), Sc, Se, Sm, Sn, Sr, Ta, Tb, Th, Tl, Tm, U, V, W, Y, Yb, Zn, Zr, N, Ti, SiO2, Al2O3, Fe2O3(t), MgO, CaO, Na2O, K2O, Org.C, [Re], [Sb(T)], [FeO], [H2O+], [CO2]	70g
GBW07454	Soil	Ag, As, B, Ba, Be, Bi, Br, Cd, Ce, Cl, Co, Cr, Cs, Cu, Dy, Er, Eu, F, Ga, Gd, Ge, Hf, Hg, Ho, I, In, La, Li, Lu, Mn, MnO, Mo, Nb, Nd, Ni, P, Pb, Pr, Rb, S, Sb(DA), Sb(T), Sc, Se, Sm, Sn, Sr, Ta, Tb, Th, Tl, Tm, U, V, W, Y, Yb, Zn, Zr, N, Ti, SiO2, Al2O3, Fe2O3(t), MgO, CaO, Na2O, K2O, Org.C, [Re], [Sb(T)], [FeO], [H2O+], [CO2]	70g
GBW07455	Soil	Ag, As, B, Ba, Be, Bi, Br, Cd, Ce, Cl, Co, Cr, Cs, Cu, Dy, Er, Eu, F, Ga, Gd, Ge, Hf, Hg, Ho, I, In, La, Li, Lu, Mn, MnO, Mo, Nb, Nd, Ni, P, Pb, Pr, Rb, S, Sb(DA), Sb(T), Sc, Se, Sm, Sn, Sr, Ta, Tb, Th, Tl, Tm, U, V, W, Y, Yb, Zn, Zr, N, Ti, SiO2, Al2O3, Fe2O3(t), MgO, CaO, Na2O, K2O, Org.C, [Re], [Sb(T)], [FeO], [H2O+], [CO2]	70g
GBW07456	Soil	Ag, As, B, Ba, Be, Bi, Br, Cd, Ce, Cl, Co, Cr, Cs, Cu, Dy, Er, Eu, F, Ga, Gd, Ge, Hf, Hg, Ho, I, In, La, Li, Lu, Mn, MnO, Mo, Nb, Nd, Ni, P, Pb, Pr, Rb, S, Sb(DA), Sb(T), Sc, Se, Sm, Sn, Sr, Ta, Tb, Th, Tl, Tm, U, V, W, Y, Yb, Zn, Zr, N, Ti, SiO2, Al2O3, Fe2O3(t), MgO, CaO, Na2O, K2O, Org.C, [Re], [Sb(T)], [FeO], [H2O+], [CO2]	70g
GBW07457	Soil	Ag, As, B, Ba, Be, Bi, Br, Cd, Ce, Cl, Co, Cr, Cs, Cu, Dy, Er, Eu, F, Ga, Gd, Ge, Hf, Hg, Ho, I, In, La, Li, Lu, Mn, MnO, Mo, Nb, Nd, Ni, P, Pb, Pr, Rb, S, Sb(DA), Sb(T), Sc, Se, Sm, Sn, Sr, Ta, Tb, Th, Tl, Tm, U, V, W, Y, Yb, Zn, Zr, N, Ti, SiO2, Al2O3, Fe2O3(t), MgO, CaO, Na2O, K2O, Org.C, [Re],	70g



Product Code	Product Name	Properties	Package
		[Sb(T)], [FeO], [H2O+], [CO2]	
GBW07458	Available nutrients in soil	exchangeable Ca, exchangeable K, exchangeable Al, exchangeable Mg, exchangeable Na, exchangeable H, hydrolytic N, available potassium, organic matter, available Si, available P, available B, available Fe, available Cu, available Zn, available Mo	500g
GBW07459	Available nutrients in soil	exchangeable Ca), exchangeable K, exchangeable Al, exchangeable Mg, exchangeable Na, exchangeable H, hydrolytic N, available potassium, organic matter, available Si, available P, available B, available Fe, available Cu, available Zn, available Mo	500g
GBW07460	Available nutrients in soil	exchangeable Ca, exchangeable K, exchangeable Al, exchangeable Mg, exchangeable Na, exchangeable H, hydrolytic N, available potassium, organic matter, available Si, available P, available B, available Fe, available Cu, available Zn, available Mo	500g
GBW07461	Available nutrients in soil	exchangeable Ca, exchangeable K, exchangeable Al, exchangeable Mg, exchangeable Na, exchangeable H, hydrolytic N, available potassium, organic matter, available Si, available P, available B, available Fe, available Cu, available Zn, available Mo	500g
GBW07601	Human hair powder	Ag, As, Ba, Be, Bi, Ca, Cd, Ce, Co, Cr, Cu, Fe, Hg, La, Li, Mg, Mn, Mo, N, Na, Ni, P, Pb, S, Sb, Sc, Se, Si, Sr, Ti, Y, Zn, [Au], [B], [Dy], [Br], [Br], [Eu], [K], [Sm]	20g
GBW07601a	Human hair powder	Ag, As, Ba, Be, Bi, Ca, Cd, Ce, Co, Cr, Cu, Fe, Hg, La, Li, Mg, Mn, Mo, N, Na, Ni, P, Pb, S, Sb, Sc, Se, Si, Sr, Ti, Y, Zn, [Au], [B], [Dy], [Br], [Br], [Eu], [K], [Sm]	6g
GBW07602	Bush branches and leaves	Ag, Al, As, B, Ba, Be, Br, Ca, Cd, Ce, Co, Cr, Cs, Cu, Eu, F, Fe, Hf, K, La, Li, Mg, Mn, Mo, N, Na, Ni, P, Pb, Rb, S, Sb, Sc, Se, Si, Sm, Sr, Th, Ti, V,	35g





Product Code	Product Name	Properties	Package
		Yb, Zn, [Bi], [Cl], [Nd], [Tb], [U], [W], [Y]	
GBW07603	Bush branches and leaves	Ag, Al, As, B, Ba, Be, Bi, Br, Ca, Ce, Co, Cr, Cs, Cu, Eu, F, Fe, K, La, Li, Mg, Mn, Mo, N, Na, Nd, Ni, P, Pb, Rb, S, Sb, Sc, Se, Si, Sm, Sr, Tb, Th, Ti, V, Yb, Zn, Y, [Cd], [Cl], [Dy], [Lu], [Gd], [Hf], [Ho], [Pr], [U], [W], [Sn]	35g
GBW07604	Poplar leaves	Al, As, B, Ba, Be, Bi, Br, Ca, Cd, Ce, Co, Cr, Cs, Cu, Eu, F, Fe, Hg, K, La, Li, Mg, Mn, Mo, N, Na, Ni, P, Pb, Rb, S, Sb, Sc, Se, Si, Sm, Sr, Th, Ti, Y, Yb, Zn, [Ag], [Cl], [Dy], [Gd], [Hf], [Nd], [U], [V]	35g
GBW07605	Tea	As, Ba, Be, Bi, Br, Ca, Cd, Ce, Co, Cr, Cs, Cu, Eu, F, Fe, K, La, Mg, Mn, Mo, N, Na, Ni, P, Pb, Rb, S, Sb, Sc, Sm, Sr, Th, Ti, Y, Yb, Zn, [Ag], [Al], [Dy], [Gd], [Hf], [Hg], [Ho], [Li], [Lu], [Nd], [Pr], [Se], [Si], [Tb], [V]	35g
GBW07701	Synthetic silicate for spectral analysis	As, B, Ba, Be, Bi, Cd, Ce, Co, Cr, Cu, La, Li, Mn, Mo, Nb, Ni, Pb, Sb, Sn, Sr, Ti, V, W, Y, Yb, Zn, Zr, [Ag]	70g
GBW07702	Synthetic silicate for spectral analysis	Ag, As, B, Ba, Be, Bi, Cd, Ce, Co, Cr, Cu, La, Li, Mn, Mo, Nb, Ni, Pb, Sb, Sn, Sr, Ti, V, W, Y, Yb, Zn, Zr	70g
GBW07703	Synthetic silicate for spectral analysis	Ag, As, B, Ba, Be, Bi, Cd, Ce, Co, Cr, Cu, La, Li, Mn, Mo, Nb, Ni, Pb, Sb, Sn, Sr, Ti, V, W, Y, Yb, Zn, Zr	70g
GBW07704	Synthetic silicate for spectral analysis	Ag, As, B, Ba, Be, Bi, Cd, Ce, Co, Cr, Cu, La, Li, Mn, Mo, Nb, Ni, Pb, Sb, Sn, Sr, Ti, V, W, Y, Yb, Zn, Zr	70g
GBW07705	Synthetic silicate for spectral analysis	Ag, As, B, Ba, Be, Bi, Cd, Ce, Co, Cr, Cu, La, Li, Mn, Mo, Nb, Ni, Pb, Sb, Sn, Sr, Ti, V, W, Y, Yb, Zn, Zr	70g
GBW07706	Synthetic silicate for spectral analysis	Ag, As, B, Ba, Be, Bi, Cd, Ce, Co, Cr, Cu, La, Li, Mn, Mo, Nb, Ni, Pb, Sb, Sn, Sr, Ti, V, W, Y, Yb, Zn, Zr	70g
GBW07707	Synthetic silicate for spectral analysis	Ag, As, B, Ba, Be, Bi, Cd, Ce, Co, Cr, Cu, La, Li, Mn, Mo, Nb, Ni, Pb, Sb, Sn, Sr, Ti, V, W, Y, Yb, Zn, Zr	70g
GBW07708	Synthetic silicate for spectral analysis	Ag, As, B, Ba, Be, Bi, Cd, Ce, Co, Cr, Cu, La, Li, Mn, Mo, Nb, Ni, Pb, Sb, Sn, Sr, Ti, V, W, Y, Yb, Zn, Zr	70g



Product Code	Product Name	Properties	Package
		Sn, Sr, Ti, V, W, Y, Yb, Zn, Zr	
GBW07709	Synthetic silicate for spectral analysis	Ag, Cd, Yb, Bi, Sb, Sn, Be, Mo, W, Cr, V, Li, B, Ce, Zr, Cu, Pb, Zn, Sr, Ba, Mn, Ti	70g
GBW07710	Synthetic silicate for spectral analysis	Ag, Cd, Bi, Sb, Sn, Be, Mo, W, Cu, Pb, Zn, Sr, Ti	70g
GBW07711	Synthetic silicate for spectral analysis	Ag, Cd, Sb, Sn, Be, Mo, W, Cu, Pb, Zn, Sr	70g
GBW07712	Synthetic limestone for spectral analysis	Yb, Bi, Sb, Sn, Be, Mo, W, Y, La, Nb, Ga, Co, Cr, As, Ni, B, Ce, Li, V, Zr, Cu, Pb, Zn, Sr, Ba, Ti, Mn, [Cd], [Ag]	70g
GBW07713	Synthetic limestone for spectral analysis	Ag, As, B, Ba, Be, Bi, Cd, Ce, Co, Cr, Cu, Ga, La, Li, Mn, Mo, Nb, Ni, Pb, Sb, Sn, Sr, Ti, V, W, Y, Yb, Zn, Zr	70g
GBW07714	Synthetic limestone for spectral analysis	Ag, As, B, Ba, Be, Bi, Cd, Ce, Co, Cr, Cu, Ga, La, Li, Mn, Mo, Nb, Ni, Pb, Sb, Sn, Sr, Ti, V, W, Y, Yb, Zn, Zr	70g
GBW07715	Synthetic limestone for spectral analysis	Ag, As, B, Ba, Be, Bi, Cd, Ce, Co, Cr, Cu, Ga, La, Li, Mn, Mo, Nb, Ni, Pb, Sb, Sn, Sr, Ti, V, W, Y, Yb, Zn, Zr	70g
GBW07716	Synthetic limestone for spectral analysis	Ag, As, B, Ba, Be, Bi, Cd, Ce, Co, Cr, Cu, Ga, La, Li, Mn, Mo, Nb, Ni, Pb, Sb, Sn, Sr, Ti, V, W, Y, Yb, Zn, Zr	70g
GBW07717	Synthetic limestone for spectral analysis	Ag, As, B, Ba, Be, Bi, Cd, Ce, Co, Cr, Cu, Ga, La, Li, Mn, Mo, Nb, Ni, Pb, Sb, Sn, Sr, Ti, V, W, Y, Yb, Zn, Zr	70g
GBW07718	Synthetic limestone for spectral analysis	Ag, As, B, Ba, Be, Bi, Cd, Ce, Co, Cr, Cu, Ga, La, Li, Mn, Mo, Nb, Ni, Pb, Sb, Sn, Sr, Ti, V, W, Y, Yb, Zn, Zr	70g
GBW07719	Synthetic limestone for spectral analysis	Ag, As, B, Ba, Be, Bi, Cd, Ce, Co, Cr, Cu, Ga, La, Li, Mn, Mo, Nb, Ni, Pb, Sb, Sn, Sr, Ti, V, W, Y, Yb, Zn, Zr	70g
GBW07720	Synthetic limestone for spectral analysis	Ag, As, B, Ba, Be, Bi, Cd, Ce, Co, Cr, Cu, Ga, La, Li, Mn, Mo, Nb, Ni, Pb, Sb, Sn, Sr, Ti, V, W, Y, Yb, Zn, Zr	70g
GBW07801	Gold ore certified reference material of gold and silver	Au: (57.2±0.9)g/T; Ag: (43.4±1.2)g/T	1000g



Product Code	Product Name	Properties	Package
GBW07802	Gold ore certified reference material of gold and silver	Au: (37.3±0.9)g/T; Ag: (26.2±0.9)g/T	750g
GBW07803	Gold ore certified reference material of gold and silver	Au: (20.9±0.4)g/T; Ag: (63.1±1.2)g/T	500g
GBW07804	Gold ore certified reference material of gold and silver	Au: (2.5±0.2)g/T; Ag: (7.8±0.3)g/T	500g
GBW07805	Gold for geochemical exploration	(0.85±0.04)ng/g	1000g
GBW07806	Gold for geochemical exploration	(3.1±0.2)ng/g	1000g
GBW07807	Gold for gold ore	(1.10±0.03)µg/g	1000g
GBW07808	Gold for gold ore	(3.2±0.1)µg/g	1000g
GBW07809	Gold for gold ore	(10.6±0.4)µg/g	1000g
GBW08301	River sediments	As, Ba, Cd, Co, Cr, Cu, Fe, Hg, Mn, Pb, Se, [V], [Zn], [Be], [Ni]	50g
GBW08302	Tibet soil	Al, As, Be, Ca, Cd, Ce, Co, Cr, Cu, Eu, Fe, K, La, Mg, Mn, P, Pb, Rb, Sc, Si, Se, Sm, Sr, Th, Ti, U, V, Yb, Zn, N, Na, Nd, Ni, [Ba], [Cs], [Dy], [Hf], [Hg], [Lu], [Sb], [Ta], [Tb]	15g
GBW08303	Polluted farmland soil	[U], Al, As, Ca, Cd, Co, Cr, Cu, Fe, Hg, K, Mg, Mn, Na, Ni, P, Pb, Sr, Th, Ti, Zn, [Ba], [Be], [La], [Mo], [Rb], [Sc], [Se], [Si]	40g
GBW08304a	CRM for environmental radioactivity of river sediment	137Cs, 226Ra, 232Th, 235U, 238U, 239Pu+240Pu, 40K, 60Co, [90Sr]	100g
GBW08305	China loess	Al, Ba, Ca, Cu, Fe, K, Mg, Mn, Na, Ni, P, Si, Sr, Ti, Zn, [Sc]	15g
GBW08306	Simulated asian mineral dust	Al, Ba, Ca, Cu, Fe, K, Mg, Mn, Na, Ni, P, Sc, Si, Sr, Ti, Zn	2g
GBW08401	Coal fly ash	As, Be, Cd, Co, Cr, Cu, Fe, Mn, Pb, Se, V, Zn, [Ba], [Hg]	30g
GBW08404	Lead, mercury, cadmium and chromium in polypropylene plastic for RoHS	Cd: 9.26mg/kg, U=0.22mg/kg; Cr: 98.4mg/kg, U=3.4mg/kg; Hg: 93mg/kg, U=2.2mg/kg; Pb: 98.2mg/kg, U=3.3mg/kg	30g×3
GBW08405		Cd: 92.3mg/kg, U=1.7mg/kg; Cr: 978mg/kg, U=24mg/kg; Hg: 922mg/kg,	



Product Code	Product Name	Properties	Package
GBW08406		U=20mg/kg; Pb: 981mg/kg, U=11mg/kg Cd: 92.3mg/kg, U=1.7mg/kg; Cr: 978mg/kg, U=24mg/kg; Hg: 922mg/kg, U=20mg/kg; Pb: 981mg/kg, U=11mg/kg	
GBW08407	Cd, Cr, Hg, Pb in ABS	Cd: 8.7mg/kg, U=0.4mg/kg; Cr: 97.3mg/kg, U=2.3mg/kg; Hg: 91.5mg/kg, U=4.4mg/kg; Pb: 93.1mg/kg, U=4.2mg/kg	10g
GBW08408	Cd, Cr, Hg, Pb in ABS	Cd: 26.7mg/kg, U=0.5mg/kg; Cr: 288mg/kg, U=6mg/kg; Hg: 271mg/kg, U=11mg/kg; Pb: 276mg/kg, U=9mg/kg	10g
GBW08409	Cd, Cr, Hg, Pb in ABS	Cd: 36.3mg/kg, U=0.7mg/kg; Cr: 380mg/kg, U=7mg/kg; Hg: 373mg/kg, U=9mg/kg; Pb: 378mg/kg, U=7mg/kg	10g
GBW08410	Cd, Cr, Hg, Pb in ABS	Cd: 76.0mg/kg, U=2.3mg/kg; Cr: 777mg/kg, U=21mg/kg; Hg: 748mg/kg, U=29mg/kg; Pb: 778mg/kg, U=17mg/kg	10g
GBW08411	Cd, Cr, Hg, Pb in ABS	Cd: 107mg/kg, U=2mg/kg; Cr: 1122mg/kg, U=31mg/kg; Hg: 1096mg/kg, U=34mg/kg; Pb: 1122mg/kg, U=29mg/kg	10g
GBW08412-08413	Decabrominated diphenyl ether in polyethylene	1150mg/kg, U=76mg/kg 369mg/kg, U=21mg/kg	25g×3
GBW08503b	Rare earth elements in wheat flour	Ce, Dy, Er, Eu, Gd, Ho, La, Lu, Nd, Pr, Sm, Tb, Tm, Y, Yb	40g
GBW08514a	Tobacco	Ca: (3.00±0.08)%; Mg: (0.51±0.02)%; K: (2.39±0.10)%; N: (1.72±0.06)%; Cl: (0.77±0.03)%; P: (0.229±0.014)%; Mn: (93.9±3.4)µg/g; Cu: (16.4±2.4)µg/g; Zn: (28.6±2.0)µg/g; Fe: (962±60)µg/g; B: (22.0±1.8)µg/g; nicotine: (1.72±0.04)%; total sugar: (18.8±0.8)%; reducing sugar: (17.2±0.8)%	25g
GBW08517	Laminaria japonica aresch	Al <sub>2</sub> O <sub>3</sub> , As, Ba, CaO, Cd, Co, Cr, Cu, Fe <sub>2</sub> O <sub>3</sub> (t), Hg, I, K <sub>2</sub> O, MgO, MnO, Na <sub>2</sub> O, Ni, P <sub>2</sub> O <sub>5</sub> , Pb, Rb, Se, Sr, Zn, [Be], [Bi], [Br], [Ce], [Cl], [Cs], [Dy], [Er], [F], [Gd], [Hf], [Ho], [La], [Li], [Lu], [Mo], [N], [Nd], [Pr], [S], [Sb], [Sc], [Sm], [Tb], [Th], [TiO <sub>2</sub> ], [Tm], [U], [V], [Y], [Yb]	12g
GBW08521	As, Pb and Cd in laver	As: (41±3)µg/g; Pb: (0.81±0.03)µg/g; Cd: (5.2±0.4)µg/g	18g
GBW08552	Pork muscle	K, Na, P, Ca, Fe, Cu, Zn, Mg, Rb, Se, Mn, N, Cl, Br, [Ba], [Mo], [Co], [Sr],	20g



Product Code	Product Name	Properties	Package
		[Cr], [Pb], [Cs], [Hg]	
GBW08573	Pseudosciaena crocea	Al <sub>2</sub> O <sub>3</sub> , As, CaO, Cl, Co, Cu, Fe <sub>2</sub> O <sub>3</sub> (t), Hg, K <sub>2</sub> O, MgO, MnO, Na <sub>2</sub> O, Ni, P <sub>2</sub> O <sub>5</sub> , Rb, Se, Sr, Zn, [Ba], [Br], [Cd], [Cr], [Cs], [F], [I], [Mo], [N], [S]	12g
GBW08601	Lead in water (1% nitric acid)	(1.00±0.02)µg/g	80mL
GBW08602	Cadmium in water (1% nitric acid)	(0.100±0.002)µg/g	80mL
GBW08603	Mercury in water (3% nitric acid)	(10.0±0.4)ng/g	20mL
GBW08604	Fluoride in water	(1.00±0.02)µg/g	80mL
GBW08605	Arsenic in water	(0.500±0.008)µg/g	20mL
GBW08606	CL-, NO <sub>3</sub> and SO <sub>4</sub> <sup>2-</sup> in water	(Cl <sup>-</sup> : (22.5±0.4)µg/g; NO <sub>3</sub> <sup>-</sup> : (4.6±0.1)µg/g; SO <sub>4</sub> <sup>2-</sup> : (22.5±0.4)µg/g	20mL
GBW08607	Metal elements in water (1% nitric acid)	(Cd: (0.104±0.002)µg/g; Cr: (0.51±0.01)µg/g; Cu: (1.03±0.01)µg/g ; Ni: (0.517±0.006)µg/g; Pb: (1.03±0.02)µg/g; Zn: (5.15±0.05)µg/g	20mL/80mL
GBW08608	Metal elements in water (1% nitric acid)	(Cd: (10.4±0.4)ng/g; Cr: (31±2)ng/g; Cu: (49±2)ng/g ; Ni: (61±3)ng/g; Pb: (49±2)ng/g; Zn: (89±4)ng/g	80mL
GBW08610	Silver in water (1% nitric acid)	(1000±1)µg/mL	20mL
GBW08611	Arsenic in water (1% nitric acid)	(1000±1)µg/mL	20mL
GBW08612	Cadmium in water (1% nitric acid)	(1000±2)µg/mL	20mL
GBW08613	Cobalt in water (1% nitric acid)	(1000±1)µg/mL	20mL
GBW08614	Chromium in water (5% hydrochloric acid)	(1000±1)µg/mL	20mL
GBW08615	Copper in water (1% nitric acid)	(1000±1)µg/mL	20mL
GBW08616	Iron in water (5% hydrochloric acid)	(1000±2)µg/mL	20mL
GBW08617	Mercury in water (3% nitric acid)	(1000±1)µg/mL	20mL
GBW08618	Nickel in water (1% nitric acid)	(1000±1)µg/mL	20mL
GBW08619	Lead in water (1% nitric acid)	(1000±2)µg/mL	20mL
GBW08620	Zinc in water (1% nitric acid)	(1000±1)µg/mL	20mL
GBW08624a	COD(Cr)	1164mg/L, U=1.5%	20mL

Product Code	Product Name	Properties	Package
GBW08624b	COD(Cr)	1277mg/L, U=15%	20mL
GBW08624c	COD(Cr)	1883mg/L, U=1.5%	20mL
GBW08625b	COD(Cr)	2539mg/L, U=23%	20mL
GBW08625c	COD(Cr)	COD(Cr): 2350mg/L, U=1.0%; Cl <sup>-</sup> : 768.6mg/L, U=2%	20mL
GBW08626a	COD(Cr)	COD(Cr): 4940mg/L, U=1.0%; Cl <sup>-</sup> : 697.6mg/L, U=2%	20mL
GBW08626b	COD(Cr)	4937mg/L, U=37%	20mL
GBW08626c	COD(Cr)	4940mg/L, U=1.0%	20mL
GBW08630	Water quality-sulfides solution	(50~100)μg/mL, U=2.3%	10mL
GBW08650	Gold aqueous solution	(100.0±0.4)μg/g	20mL
GBW08651	Lanthanum in 10% hydrochloric acid	(982.3±0.3)μg/g	20mL
GBW08652	Cerium in 10% nitric acid	(951.5±0.4)μg/g	20mL
GBW08653	Samarium in 10% hydrochloric acid	(982.3±0.6)μg/g	20mL
GBW08654	Europium in 10% hydrochloric acid	(982.3±0.4)μg/g	20mL
GBW08655	Ytterbium in 10% hydrochloric acid	(982.3±0.4)μg/g	20mL
GBW08656	Lutecium in 10% hydrochloric acid	(982.3±0.4)μg/g	20mL
GBW08657	Yttrium in 10% hydrochloric acid	(982.3±0.3)μg/g	20mL
GBW08664	Barium aqueous solution	19.298mg/g, U=0.08%; 19.953mg/L, U=0.08%	20mL
GBW08665	Sulfate in sodium sulfate	67.67%, U=0.13%	50g
GBW08666	Arsenic acid (As(III)) in water	C(AsO <sub>3</sub> <sup>-</sup> )=1.011±0.016, (μ mol/g, k=2)	2mL
GBW08667	Arsenic acid (As(V)) in water	C(AsO <sub>4</sub> <sup>-</sup> )=0.233±0.005, (μ mol/g, k=2)	2mL
GBW08668	Monomethylarsonic acid in water	C(CH <sub>3</sub> AsO <sub>3</sub> <sup>-</sup> )=0.335±0.011, (μ mol/g, k=2)	2mL
GBW08669	Dimethylarsinic acid in water	C(C <sub>2</sub> H <sub>7</sub> AsO <sub>2</sub> )=0.705±0.024, (μ mol/g, k=2)	2mL
GBW08670	Arsenobetaine in water	C(C <sub>5</sub> H <sub>11</sub> AsO <sub>2</sub> )=0.518±0.015, (μmol/g, k=2)	2mL
GBW08671	Arsenocholine in water	C(C <sub>5</sub> H <sub>14</sub> AsBrO)=0.374±0.015, (μmol/g, k=2)	2mL
GBW08675	Methylmercury in methanol	CH <sub>3</sub> Hg76.6ppm, U=2.9ppm	1.5mL



Product Code	Product Name	Properties	Package
GBW08676	Bromate in water	1000mg/L, U=0.3% (k=2)	20mL
GBW08703	Benzene in methanol	1mg/mL, U=3%	2mL
GBW08704	Toluene in methanol	1mg/mL, U=3%	2mL
GBW08705	Ethylbenzene in methanol	1mg/mL, U=3%	2mL
GBW08706	o-Xylene in methanol	1mg/mL, U=3%	2mL
GBW08707	m-Xylene in methanol	1mg/mL, U=3%	2mL
GBW08708	p-Xylene in methanol	1mg/mL, U=3%	2mL
GBW08709	Deca-BDE in iso-octane/toluene (V/V 9:1)	48.6µg/mL; U=1.4%	1.2mL
GBW08710	Tributyltin chloride in methanol	(633±19)µg/g (caculated by Sn); (1547±47)µg/g (caculated by C <sub>12</sub> H <sub>27</sub> Sn)	2.0mL
GBW09101b	Human hair	Ag, Al, As, Ba, Br, Ca, Cd, Cl, Co, Cr, Cu, Fe, Hg, I, K, La, Mn, Mg, Na, Ni, Mo, P, Pb, Se, Sc, Sb, S, Sr, V, Zn	7g
GBW09108 ~09110	Iodine in lyophilized human urine	(52.5±0.8)µg/L; (87.4±0.9)µg/L; (258±10)µg/L	3×5mL
GBW09115	Arsenic Species in Freeze-dry Human Urine	AsO <sub>3</sub> <sup>3-</sup> : (0.758±0.016)n mol /bottle; Monomethylarsonic acid: (1.03±0.08)n mol /bottle; Dimethylarsinic acid: (4.3±0.3)n mol /bottle	bottle
GBW09152	Inorganic components in frozen human serum	Na, Cl, Mg, K, Ca, Fe, Cu, Zn, Se, U<5%	2×2.5mL
GBW09153	Hemiglobincyanide (HiCN)	(0.6159±0.0018)g/L	bottle
GBW09157	Uric acid in frozen human serum	57.3µg/mL, U=2.9%	2×1mL
GBW09169	Uric acid in frozen human serum	72.2µg/g, U=2.6%	2×1mL
GBW09170	Creatinine in frozen human serum	8.10µg/g, U=1.2%	2×1mL
GBW09171	Creatinine in frozen human serum	34.1µg/g, U=1.1%	2×1mL
GBW09201	Purity of urea	99.9%, U=0.2%	2g
GBW09202	Uric acid	99.8%, U=0.3%	0.4g
GBW09203b	Cholesterol	99.7%, U=0.1%	0.3g
GBW09204	Purity of ginsenoside Rg1	99.6%, U=0.6%	10mg





Product Code	Product Name	Properties	Package
GBW09205	Purity of ginsenoside Rb1	99.1%, U=0.6%	100mg
GBW09206	Purity of paclitaxel	99.6%, U=1.2%	100mg
GBW09305	Pb, As in cosmetic		10g
GBW10006 ~10008	Iodine in refined salt	(12.5±2.0)×10 <sup>-6</sup> g/g; (24.5±2.0)×10 <sup>-6</sup> g/g; (32.0±3.0)×10 <sup>-6</sup> g/g;	3×11g
GBW10010	Rice flour	Al, As, B, Ba, Be, Br, Ca, Cd, Ce, Cl, Cs, Cu, Fe, Hg, K, La, Li, Mg, Mn, Mo, N, Pr, Rb, S, Se, Si, Y, Zn, Na, Ni, P, Pb, Sr, [Tb], [Bi], [Co], [Cr], [Dy], [Er], [Eu], [Gd], [Ge], [Hf], [Ho], [I], [Lu], [Sb], [Sc], [Sm], [Th], [Ti], [Tl], [Tm], [U], [V], [Yb], [ash], [Nd]	35g
GBW10011	Wheat flour	Al, As, Ba, Ca, Cd, Ce, Cl, Cr, Cu, Fe, K, La, Li, N, Mg, Mn, Mo, Na, Nd, Ni, P, Pb, Pr, S, Sm, Se, Sr, Yb, Zn, Rb, [Tl], [Sc], [Si], [Tm], [Tb], [Th], [Ti], [ash], [Er], [Eu], [Gd], [B], [Be], [Nb], [Ge], [Hf], [Hg], [Ho], [I], [Lu], [Sb], [Bi], [Br], [Co], [Cs], [Dy], [V], [Y], [U]	35g
GBW10012	Corn flour	Al, As, B, Ba, Be, Bi, Br, Ca, Ce, Cl, Cs, Cu, Dy, Er, F, Fe, Gd, Hf, Ho, K, Lu, La, Mg, Mn, Mo, Nd, N, Ni, P, Yb, Zn, Se, Si, Sm, Sr, Tb, Th, Ti, V, Y, Pb, Pr, Rb, S, Sc, [Na], [ash], [Ge], [Hg], [Tl], [Tm], [U], [Co], [Cr], [Eu], [Sb], [Li], [I], [Nb]	35g
GBW10013	Soybean flour	As, Ba, B, Be, Ca, Ce, Cl, Co, Cs, Cr, Cu, Dy, Er, Eu, Fe, Gd, K, Li, La, Mg, Mo, Mn, Na, N, Nd, Ni, P, Pb, Pr, Rb, S, Sc, Se, Si, Sm, Th, Y, Yb, Zn, Sr, Tb, [Br], [Cd], [Na], [Sb], [Tl], [Tm], [U], [V], [ash], [Ge], [Hg], [Ho], [Lu], [Al], [Nb], [I], [Bi]	35g
GBW10014	Cabbage	As, Al, B, Ba, Bi, Br, Ca, Cd, Ce, Cl, Co, Cr, Cs, Cu, Dy, Fe, Gd, Hg, I, K, La, Li, Mg, Mn, Mo, N, Na, Nd, Ni, P, Pb, Pr, Rb, S, Se, Si, Sm, Sr, Th, U, Y, Yb, Zn, [Tl], [ash], [Nb], [Be], [Er], [Eu], [Ge], [Ho], [Lu], [Ti], [Tm], [Sb], [Sc], [Tb], [V]	35g



Product Code	Product Name	Properties	Package
GBW10015	Spinach	Al, As, B, Ba, Be, Bi, Br, Ca, Cd, Ce, Cl, Co, Cr, Cs, Cu, Dy, Er, Eu, Fe, Gd, Hg, Ho, I, K, La, Li, Lu, Mg, Mn, Mo, N, Na, Nd, Ni, P, Pb, Pr, Rb, S, Sb, Se, Si, Sm, Sr, Tb, Th, Tm, U, V, Y, Yb, Zn, [Tl], [ash], [F], [Ge], [Ti], [Sc], [Hf], [Nb]	35g
GBW10016	Tea	As, Al, Ba, Be, B, Bi, Br, Ce, Co, Cr, Cs, Cu, Ca, Cd, Cl, Dy, Eu, Er, Fe, Gd, F, Hg, Ho, K, La, Li, Lu, Mg, Mn, Mo, Na, Nd, Ni, Pr, P, Pb, Rb, S, Se, Si, Sm, Sr, Tb, Th, Tm, U, V, Y, Yb, Zn, [Sc], [Ti], [Tl], [ash], [Ge], [Hf], [I], [Nb]	35g
GBW10017	Milk powder	Rb, S, Al, As, Cl, Y, Zn, Co, Cr, Cs, Cu, Fe, I, K, B, Ba, Br, Ca, Mg, Mn, Mo, N, Na, P, Pb, Se, Sr, [Tb], [Th], [Tl], [U], [V], [ash], [Ce], [Pr], [Dy], [Er], [Eu], [Ho], [La], [Li], [Hg], [Bi], [Nb], [Nd], [Ni], [Sb], [Sc], [Sm]	35g
GBW10018	Chicken muscle	Mn, Mo, N, P, Pb, S, Al, As, B, Ba, Bi, Br, Ca, Ce, Cl, Cr, Cs, Cu, Dy, Fe, Hg, K, La, Li, Mg, Na, Nd, Ni, Pr, Rb, Si, Sm, Sr, Tb, Y, Zn, [ash], [Lu], [Sc], [Th], [Tl], [Tm], [U], [V], [Be], [Cd], [Co], [Er], [Eu], [Gd], [Ge], [Ho], [I], [Nb], [Se], [Yb], [Tb], [Cr]	35g
GBW10019	Apple	As, Al, B, Ba, Ca, Cd, Ce, Co, Cs, Cu, I, K, La, Li, Mg, Mn, Mo, N, Na, Ni, P, Pb, Pr, Rb, Sb, Si, Sm, Sr, Th, U, Y, Zn, [Dy], [Er], [Eu], Fe, Gd, [Hg], [Ho], [Cl], [S], [Se], [Tl], [Tm], [V], [Yb], [ash], [Be], [Bi], [Br], [Nd]	35g
GBW10020	Quince leaves	As, B, Ba, Al, Ag, Be, Bi, Br, Ca, Cd, Ce, Cl, Co, Cr, Cs, Cu, Dy, Er, Fe, Gd, Hg, Ho, I, K, La, Li, Lu, Mg, Mn, Mo, N, Na, Nd, P, Pd, Pr, Rb, S, Sb, Sc, Se, Si, Sm, Sn, Sr, Tb, Th, Ti, Tl, Tm, U, V, Y, Yb, Zn, [Eu], [F], [Ge], [Hf], [Ni], [(ash)]	35g
GBW10021	Kidney bean	As, B, Ba, Al, Be, Bi, Br, Ca, Ce, Cl, Co, Cr, Cs, Cu, Dy, Er, Eu, Fe, Gd, Ge, Hg, Ho, K, La, Li, Lu, Mg, Mn, Mo, N, Na, Nd, Ni, P, Pd, Pr, Rb, S, Sb, Sc, Se, Sm, Sr, Tb, Th, Ti, Tl, Tm, U, V, Y, Yb, Zn, [Ag], [Cd], [F], [I], [Si],	35g



Product Code	Product Name	Properties	Package
		[Sn], [(ash)]	
GBW10022	Garlic flour	As, B, Ba, Al, Be, Bi, Br, Ca, Cd, Ce, Cl, Co, Cr, Cs, Cu, Dy, Er, Eu, Fe, Gd, Hg, Ho, I, K, La, Li, Lu, Mg, Mn, Mo, N, Na, Nd, Ni, P, Pb, Pr, Rb, S, Sb, Sc, Se, Sm, Sr, Tb, Th, Ti, Tl, U, V, Y, Zn, [Ag], [F], [Ge], [Hf], [Si], [Sn], [Tm], [Yb], [(ash)]	35g
GBW10023	Laver	As, Ag, B, Ba, Al, Be, Bi, Br, Ca, Ce, Cd, Cl, Co, Cr, Cs, Cu, Dy, Er, Eu, Fe, Gd, Ge, Hg, Ho, I, K, La, Li, Lu, Mg, Mn, Mo, N, Na, Nb, Ni, P, Pb, Pr, Rb, S, Sb, Se, Si, Sm, Sr, Tb, Th, Tl, Tm, U, V, Y, Yb, Zn, [F], [Sc], [Sn], [Ti], [(ash)]	35g
GBW10024	Scallop	As, B, Ba, Al, Be, Bi, Br, Ca, Ce, Cd, Cl, Co, Cr, Cs, Cu, Dy, Er, Eu, Fe, Gd, Hg, Ho, I, K, La, Li, Lu, Mg, Mn, Mo, N, Na, Nb, Ni, P, Pr, Rb, S, Se, Sm, Sr, Tb, Tl, Tm, U, V, Y, Yb, Zn, [Ag], [F], [Ge], [Pb], [Sb], [Sc], [Si], [Sn], [Th], [Ti](ash)]	12g
GBW10025	Spirulina	As, Ba, Al, Ag, Be, Bi, Br, Ca, Cd, Ce, Cl, Co, Cr, Cs, Cu, Dy, Er, Eu, Fe, Gd, Ho, I, K, La, Li, Lu, Mg, Mn, Mo, N, Na, Nd, Ni, P, Pd, Pr, Rb, S, Sb, Sc, Se, Sm, Sr, Tb, Th, Ti, Tl, Tm, U, V, Y, Yb, Zn, [B], [F], [Ge], [Hf], [Hg], [Si], [Sn], [(ash)]	12g
GBW10026	Pollen	As, B, Ba, Be, Bi, Br, Ca, Cd, Ce, Cl, Co, Cr, Cs, Cu, Dy, Er, Eu, Fe, Gd, Hg, Ho, K, La, Li, Lu, Mg, Mn, Mo, N, Nd, Ni, P, Pd, Pr, Rb, S, Sb, Sc, Se, Sm, Sr, Tb, Th, Ti, Tl, Tm, U, V, Y, Yb, Zn, [Ag], [Al], [F], [Ge], [I], [Na], [Si], [(ash)]	12g
GBW10027	Ginseng	B, Ba, Be, Ca, Cd, Ce, Cl, Co, Cr, Cs, Cu, Dy, Er, Fe, Gd, Hg, Ho, K, La, Li, Mg, Mn, Mo, N, Na, Nd, Ni, P, Pd, Pr, Rb, S, Se, Sm, Sr, Tb, Ti, Tl, U, V, Y, Yb, Zn, [Ag], [Al], [As], [Bi], [Br], [Eu], [F], [I], [Lu], [Sb], [Sc], [Si], [Sn], [Th], [Tm], [(ash)]	12g



Product Code	Product Name	Properties	Package
GBW10028	Radix Astragali	Al, As, B, Ba, Be, Bi, Br, Ca, Cd, Ce, Cl, Co, Cr, Cs, Cu, Dy, Er, Eu, Fe, Gd, Ho, I, K, La, Li, Lu, Mg, Mn, Mo, N, Na, Nd, Ni, P, Pd, Pr, Rb, S, Sb, Se, Sm, Sr, Tb, Th, Ti, Tl, Tm, U, V, Y, Yb, Zn, [Ag], [F], [Ge], [Hg], [Sc], [Si], [Sn], [(ash)]	35g
GBW10029	Total mercury and methylmercury in fish tissue	total mercury: $(0.85 \pm 0.03) \times 10^{-6}$ ; methylmercury (calculated by mercury): $(0.84 \pm 0.03) \times 10^{-6}$	5g
GBW10030	Cholesterol in egg yolk powder	22.43g/kg, U=0.96g/kg	20g
GBW10032	Selenite in water	$(42.9 \pm 0.9)$ ( $\mu\text{g/g}$ )(Calculated as Se)	2mL
GBW10033	Selenate in water	$(41.5 \pm 1.3)$ ( $\mu\text{g/g}$ )(Calculated as Se)	2mL
GBW10034	Selenomethionine in water	$(39.4 \pm 1.0)$ ( $\mu\text{g/g}$ )(Calculated as Se)	2mL
GBW10035	Pb, Cd, Cr in wheat powder	Pb: $(1.63 \pm 0.03)$ mg/kg; Cd: $(0.074 \pm 0.003)$ mg/kg; Cr: $(0.095 \pm 0.006)$ mg/kg	30g
GBW10036	Pb, Cd, Cr in corn powder	Pb: $(0.810 \pm 0.022)$ mg/kg; Cd: $(0.015 \pm 0.005)$ mg/kg; Cr: $(0.105 \pm 0.006)$ mg/kg	30g
GBW10037	Nicotinamide in infant formula	65.3mg/kg, U=5.6%	30g
GBW10038	Nicotinamide	99.8%, U=0.4%	100mg
GBW10040 BW3713	7 PCBs in salmon tissue	PCB28, PCB52, PCB101, PCB118, PCB138, PCB153, PCB180: $(0-10)$ $\mu\text{g/kg}$ , U<11%	10g
GBW10041 BW3716	7 PCBs in tuna tissue	PCB28, PCB52, PCB101, PCB118, PCB138, PCB153, PCB180: $(30-100)$ $\mu\text{g/kg}$ , U<6%	5g
GBW10042	7 PCBs in salmon oil	PCB28, PCB52, PCB101, PCB118, PCB138, PCB153, PCB180: $(1-5)$ $\mu\text{g/kg}$ , U $\leq$ 8%	1mL
GBW10043	Rice from Liaoning	Al, As, B, Ba, Be, [Bi], [Br], Ca, Cd, [Ce], [Cl], Co, Cr, Cs, Cu, [Dy], Er, Eu, Fe, Gd, [Ge], Hg, Ho, [I], K, [La], Li, [Lu], Mg, Mn, Mo, [N], Na, [Nb], [Nd], Ni, P, Pb, Pr, Rb, [S], [Sb], [Sc], Se, [Si], Sm, [Sn], Sr, [Tb], [Th], [Ti], [Tl], [Tm], [U], [V], Y, [Yb], Zn	35g
GBW10044	Rice from Sichuan	[Al], As, B, Ba, Be, [Bi], [Br], Ca, Cd, Ce, [Cl], Co, Cr, Cs, Cu, Dy, Er, Eu,	35g



Product Code	Product Name	Properties	Package
		Fe, Gd, [Ge], [Hg], Ho, K, La, Li, [Lu], Mg, Mn, Mo, [N], Na, [Nb], Nd, Ni, Pb, Pr, Rb, [S], [Sb], [Sc], [Se], [Si], Sm, [Sn], Sr, [Tb], Th, [Ti], Tl, Tm, [U], [V], Y, Yb, Zn	
GBW10045	Rice from Hunan	[Ag], [Al], As, B, Ba, Be, Bi, [Br], Ca, Cd, Ce, [Cl], Co, [Cr], Cs, Cu, Dy, Er, Eu, Fe, Gd, Ge, Hg, Ho, [I], K, [La], Li, Mg, Mn, Mo, [N], [Na], [Nb], [Nd], Ni, P, Pb, [Pr], Rb, [S], [Sb], [Sc], Se, [Si], Sm, [Sn], Sr, [Tb], [Th], [Ti], Tl, [Tm], [U], [V], Y, Yb, Zn	35g
GBW10046	Wheat powder from Henan	[Ag], [Al], [As], B, Ba, Be, [Bi], [Br], Ca, Cd, Ce, [Cl], Co, [Cr], Cs, Cu, Dy, Er, Eu, Fe, Gd, Ge, [Hg], Ho, K, La, Li, [Lu], Mg, Mn, Mo, [N], Na, [Nb], Nd, [Ni], P, Pb, Pr, Rb, S, [Sb], [Sc], Se, [Si], Sm, [Sn], Sr, Tb, [Th], [Ti], [Tl], Tm, [U], [V], Y, Yb, Zn	35g
GBW10047	Carrot	[Ag], [Al], As, B, Ba, Be, [Bi], [Br], Ca, Cd, Ce, [Cl], Co, Cr, Cs, Cu, Dy, Er, Eu, Fe, Gd, Ge, Hg, Ho, [I], K, La, Li, [Lu], Mg, Mn, Mo, [N], Na, Nb, Nd, Ni, P, Pb, Pr, Rb, [S], [Sb], [Sc], Se, [Si], Sm, [Sn], Sr, Tb, Th, [Ti], Tl, Tm, U, [V], Y, Yb, Zn	35g
GBW10048	Celery	[Ag], [Al], As, B, Ba, Be, [Bi], Br, Ca, Cd, Ce, [Cl], Co, Cr, Cs, Cu, Dy, Er, Eu, Fe, Gd, Ge, Hg, Ho, [I], K, La, Li, Lu, Mg, Mn, Mo, [N], Na, [Nb], Nd, Ni, P, Pb, Pr, Rb, [S], [Sb], [Sc], Se, [Si], Sm, [Sn], Sr, Tb, Th, [Ti], Tl, Tm, U, V, Y, Yb, Zn	35g
GBW10049	Green Chinese onion	[Ag], [Al], As, B, Ba, Be, [Bi], Br, Ca, Cd, Ce, [Cl], Co, Cr, Cs, Cu, Dy, Er, Eu, Fe, Gd, [Ge], Hg, Ho, [I], K, La, Li, [Lu], Mg, Mn, Mo, [N], Na, [Nb], Nd, [Ni], P, Pb, Pr, Rb, S, [Sb], [Sc], Se, [Si], Sm, [Sn], Sr, Tb, Th, [Ti], Tl, Tm, [U], [V], Y, Yb, Zn	35g
GBW10050	Prawn	[Ag], [Al], [As], B, Ba, Be, [Bi], Br, Ca, Cd, Ce, [Cl], Co, Cr, Cs, Cu, Dy, Er, Eu, Fe, Gd, Ge, Hg, Ho, [I], K, La, Li, Lu, Mg, Mn, Mo, [N], Na, Nb, Nd,	12g



Product Code	Product Name	Properties	Package
		[Ni], P, Pb, Pr, Rb, [S], [Sb], [Sc], [Se], [Si], Sm, [Sn], Sr, Tb, Th, [Ti], Tl, Tm, U, V, Y, Yb, Zn	
GBW10051	Pork liver	[Al], As, [B], [Ba], Be, [Bi], [Br], [Ca], Cd, [Ce], [Cl], Co, Cr, Cs, Cu, [Dy], [Er], [Eu], Fe, [Gd], [Ge], Hg, [Ho], [I], K, [La], [Li], Mg, Mn, Mo, [N], Na, [Nd], [Ni], P, Pb, [Pr], Rb, S, [Sb], [Sc], Se, [Sm], Sr, [Tb], [Th], Tl, U, [V], [Y], [Yb], Zn	35g
GBW10052	Green Tea	[Ag], As, B, Ba, Be, Bi, Br, Ca, Cd, Ce [Cl], Co, Cr, Cs, Cu, Dy, Er, Eu, Fe, Gd, Ge, [Hg], Ho, [I], K, La, Li, Lu, Mg, Mn, Mo, [N], Na, [Nb], Nd, Ni, P, Pb, Pr, Rb, [S], [Sb], [Sc], Se, [Si], Sm, [Sn], Sr, Tb, Th, [Ti], Tl, Tm, U, V, Y, Yb, Zn	35g
GBW10053	Purity of pyridoxine hydrochloride (Vitamin B6)	99.9%, U=0.4%	50mg
GBW10054	K, Mg, Ca, Fe, Zn, Mn, Cu, Na in defatted soybean powder	K: (24.20±0.39)g/kg; Mg: (2.74±0.11)g/kg; Ca: (1.71±0.06)g/kg; Fe: (154±4)mg/kg; Mn: (35.9±1.7)mg/kg; Zn: (44.9±0.8)mg/kg; Cu: (14.6±0.4)mg/kg; [Na: 8mg/kg]	40g
GBW10055	Ca, Fe, Zn, Cu in whole fat soybean powder	Ca: (1.54±0.05)mg/kg; Fe: (53.2±1.5)mg/kg; Zn: (36.3±0.9)mg/kg; Cu: (10.1±0.3)mg/kg	30g
GBW10058 BW3831	Melamine	99.9%, U=0.5%	0.1g
GBW10059	Melamine in milk powder	(0.45±0.07)mg/Kg	20g
GBW10060	Melamine in milk powder	(3.47±0.49)mg/Kg	20g
GBW10061	Melamine in milk powder	(16.5±1.65)mg/Kg	20g
GBW10062	Purity of glucose	99.5%, U=0.8%	2g
GBW10063	Purity of fructose	99.6%, U=0.7%	2g
GBW10064	Purity of galactose	99.4%, U=1.3%	2g
GBW10065	Purity of lactose	99.4%, U=1.4%	2g



Product Code	Product Name	Properties	Package
GBW10066	Purity of xylose	99.6%, U=1.1%	2g
GBW10067	Purity of sucrose	99.6%, U=1.4%	2g
GBW11101	Coal	N, ash, volatile matter, H, S, C	50g
GBW11102	Coal	N, ash, volatile matter, H, S, C	50g
GBW11103	Coal	N, ash, volatile matter, H, S, C	50g
GBW11104	Coal	N, ash, volatile matter, H, S, C	50g
GBW11105	Coal	N, ash, volatile matter, H, S, C	50g
GBW11107	Coal	N, ash, volatile matter, H, S, C	50g
GBW11108	Coal	N, ash, volatile matter, H, S, C	50g
GBW11109	Coal	N, ash, volatile matter, H, S, C	50g
GBW11110	Coal	N, ash, volatile matter, H, S, C	50g
GBW11111	Coal	N, ash, volatile matter, H, S, C	50g
GBW11112	Coal	N, ash, volatile matter, H, S, C	50g
GBW11113	Coal	N, ash, volatile matter, H, S, C	50g
GBW11115	Arsenic and phosphorus in coal	As: (0.0015±0.0001)%; P: (0.031±0.002)%	50g
GBW11116	Arsenic and phosphorus in coal	As: (0.0034±0.0002)%; P: (0.007±0.001)%	50g
GBW11117	Arsenic and phosphorus in coal	As: (0.0051±0.0003)%; P: (0.092±0.005)%	50g
GBW11118	Chlorine in coal	(0.010±0.002)×10 <sup>-6</sup>	50g
GBW11119	Chlorine in coal	(0.057±0.006)×10 <sup>-6</sup>	50g
GBW11120	Chlorine in coal	(0.110±0.006)×10 <sup>-6</sup>	50g
GBW11121	Fluorine in coal	(248±12)×10 <sup>-6</sup>	50g
GBW11122	Fluorine in coal	(864±16)×10 <sup>-6</sup>	50g
GBW11123	Fluorine in coal	(1496±20)×10 <sup>-6</sup>	50g
GBW11125	Fusibility of coal ash		30g
GBW11126	Coal	N, ash, volatile matter, H, S, C	50g





Product Code	Product Name	Properties	Package
GBW11127	Coal ash	Al <sub>2</sub> O <sub>3</sub> , CaO, Fe <sub>2</sub> O <sub>3</sub> , K <sub>2</sub> O, MgO, Na <sub>2</sub> O, P <sub>2</sub> O <sub>5</sub> , SiO <sub>2</sub> , SO <sub>3</sub> , TiO <sub>2</sub>	30g
GBW11128	Coal ash	Al <sub>2</sub> O <sub>3</sub> , CaO, Fe <sub>2</sub> O <sub>3</sub> , K <sub>2</sub> O, MgO, Na <sub>2</sub> O, P <sub>2</sub> O <sub>5</sub> , SiO <sub>2</sub> , SO <sub>3</sub> , TiO <sub>2</sub>	30g
GBW11129	Coal ash	Al <sub>2</sub> O <sub>3</sub> , CaO, Fe <sub>2</sub> O <sub>3</sub> , K <sub>2</sub> O, MgO, Na <sub>2</sub> O, P <sub>2</sub> O <sub>5</sub> , SiO <sub>2</sub> , SO <sub>3</sub> , TiO <sub>2</sub>	30g
GBW11130	Coal ash	Al <sub>2</sub> O <sub>3</sub> , CaO, Fe <sub>2</sub> O <sub>3</sub> , K <sub>2</sub> O, MgO, Na <sub>2</sub> O, P <sub>2</sub> O <sub>5</sub> , SiO <sub>2</sub> , SO <sub>3</sub> , TiO <sub>2</sub>	30g
GBW11131	Coal ash	Al <sub>2</sub> O <sub>3</sub> , CaO, Fe <sub>2</sub> O <sub>3</sub> , K <sub>2</sub> O, MgO, Na <sub>2</sub> O, P <sub>2</sub> O <sub>5</sub> , SiO <sub>2</sub> , SO <sub>3</sub> , TiO <sub>2</sub>	30g
GBW11132	Coal ash	Al <sub>2</sub> O <sub>3</sub> , CaO, Fe <sub>2</sub> O <sub>3</sub> , K <sub>2</sub> O, MgO, Na <sub>2</sub> O, P <sub>2</sub> O <sub>5</sub> , SiO <sub>2</sub> , SO <sub>3</sub> , TiO <sub>2</sub>	30g
GBW11203	Sulphur in Diesel Oil	0.0517%, U=2.0%	15mL
GBW11204	Sulphur in Diesel Oil	0.104%, U=1.9%	15mL
GBW11205	Sulphur in Diesel Oil	0.510%, U=1.6%	15mL
GBW11206	Sulphur in Diesel Oil	1.02%, U=1.6%	15mL
GBW12001	Turbidity standard solution	400 degree(NTU, FTU), U=3%	90mL
GBW12017	Particle size	number average partical size: (1294±10) nm; volume-average partical size: (1294±10) nm	9mL
GBW12018	Particle size	number average partical size: (280.3±2.6) nm; volume-average partical size: (280.3±2.6) nm	9mL
GBW12019	Particle size	number average partical size: 115.1±1.2nm; volume-average partical size: (115.1±1.2)nm	9mL
GBW13103	pH standard-potassium hydrogen phthalate	pH4.003±0.005(25°C)	20g
GBW13104	pH standard-potassium dihydrogen phosphate	pH6.864±0.005(25°C)	20g
GBW13105	pH standard-disodium hydrogen phosphate	pH6.864±0.005(25°C)	20g
GBW13106	pH standard-sodium tetraborate decahydrate	pH9.18±0.005(25°C)	20g
GBW13120	Aqueous electrolytic conductivity-KCl (solid form)	71.1352gKCl/1000g water solution(mass in vacuum): (11.131±0.003)S/m(25°C)	15g
GBW13121	Aqueous electrolytic conductivity	20.84 μS/cm(25°C), U=1.2% (k=2)	100 mL
GBW13122	Aqueous electrolytic conductivity	50.49 μS/cm(25°C), U=0.5% (k=2)	100 mL



Product Code	Product Name	Properties	Package
GBW13123	Aqueous electrolytic conductivity	12.875 mS/cm(25°C), U=0.08% (k=2)	100 mL
GBW13124	Aqueous electrolytic conductivity	111.57 mS/cm(25°C), U=0.09% (k=2)	100 mL
GBW13202	Thermal analysis-indium	enthalpy of melting: (3265±429.75)J/mol; melting point: ( 7±0.01)K	0.75g
GBW13231c	4-Nitrotoluene melting point certified reference material	Capillary melting point (completely melted, 0.20°C/min): (52.01±0.11)°C; Capillary melting point (completely melted, 1.0°C/min): (52.56±0.20)°C; melting point ( F=1, ΔT=0): (51.58±0.05)°C	2g
GBW13232c	Naphthalene melting point certified reference material	Capillary melting point (completely melted, 0.20°C/min): (80.58±0.11)°C; Capillary melting point (completely melted, 1.0°C/min): (81.09±0.20)°C; melting point ( F=1, ΔT=0): (80.24±0.05)°C	2g
GBW13233b	Benzoic acid melting point certified reference material	Capillary melting point (completely melted, 0.20°C/min): (122.85±0.11)°C; Capillary melting point (completely melted, 1.0°C/min): (123.37±0.20)°C; melting point ( F=1, ΔT=0): (122.35±0.05)°C	2g
GBW13234c	1, 6-Hexanedioic acid melting point certified reference material	Capillary melting point (completely melted, 0.20°C/min): (152.55±0.11)°C; Capillary melting point (completely melted, 1.0°C/min): (153.16±0.20)°C; melting point ( F=1, ΔT=0): (151.63±0.05)°C	2g
GBW13235b	P-Methoxybenzoic acid melting point certified reference material	Capillary melting point (completely melted, 0.20°C/min): (184.15±0.11)°C; Capillary melting point (completely melted, 1.0°C/min): (184.74±0.20)°C; melting point ( F=1, ΔT=0): (183.36±0.05)°C	2g
GBW13236b	Anthracene melting point certified reference material	Capillary melting point (completely melted, 0.20°C/min): (216.51±0.11)°C; Capillary melting point (completely melted, 1.0°C/min): (217.11±0.20)°C; melting point ( F=1, ΔT=0): (216.07±0.05)°C	2g
GBW13237b	P-Nitrobenzoic acid melting point certified reference material	Capillary melting point (completely melted, 0.20°C/min): (240.57±0.11)°C; Capillary melting point (completely melted, 1.0°C/min): (241.33±0.20)°C; melting point ( F=1, ΔT=0): (239.58±0.05)°C	2g
GBW13238c	Anthraquinone melting point certified reference	Capillary melting point (completely melted, 0.20°C/min): (285.15±0.11)°C;	2g



Product Code	Product Name	Properties	Package
	material	Capillary melting point (completely melted, 1.0°C/min): (285.69±0.20)°C; melting point ( F=1, ΔT=0): (284.62±0.05)°C	
GBW13306	Standard smoketric tablet	(1.0±0.2)Rb	set(6)
GBW13307	Standard smoketric tablet	(2.5±0.2)Rb	
GBW13308	Standard smoketric tablet	(3.5±0.2)Rb	
GBW13309	Standard smoketric tablet	(5.0±0.2)Rb	
GBW13310	Standard smoketric tablet	(7.0±0.2)Rb	
GBW13311	Standard smoketric tablet	(9.0±0.2)Rb	
GBW13511	CRMs for water content of water saturated octanol	(4.76±0.11)%	5mL
GBW13512	CRMs for water content of liquid	(1.000±0.013)%	10mL
GBW13513	CRMs for water content of liquid	(0.1066±0.0031)%	10mL
GBW13514	CRMs for water content of liquid	(0.0139±0.0012)%	10mL
GBW13601	Standard liquid of viscosity	2mm <sup>2</sup> /s, U=0.10% (20°C)	250mL
GBW13602	Standard liquid of viscosity	5mm <sup>2</sup> /s, U=0.16% (20°C)	250mL
GBW13603	Standard liquid of viscosity	10mm <sup>2</sup> /s, U=0.16% (20°C)	250mL
GBW13604	Standard liquid of viscosity	20mm <sup>2</sup> /s, U=0.21% (20°C)	250mL
GBW13605	Standard liquid of viscosity	50mm <sup>2</sup> /s, U=0.21% (20°C)	250mL
GBW13606	Standard liquid of viscosity	100mm <sup>2</sup> /s, U=0.27% (20°C)	250mL
GBW13607	Standard liquid of viscosity	200mm <sup>2</sup> /s, U=0.27% (20°C)	250mL
GBW13608	Standard liquid of viscosity	500mm <sup>2</sup> /s, U=0.33% (20°C)	250mL
GBW13609	Standard liquid of viscosity	1000mm <sup>2</sup> /s, U=0.33% (20°C)	250mL
GBW13610	Standard liquid of viscosity	2000mm <sup>2</sup> /s, U=0.39% (20°C)	250mL
GBW13611	Standard liquid of viscosity	5000mm <sup>2</sup> /s, U=0.39% (20°C)	250mL
GBW13612	Standard liquid of viscosity	10000mm <sup>2</sup> /s, U=0.44% (20°C)	250mL
GBW13613	Standard liquid of viscosity	20000mm <sup>2</sup> /s, U=0.44% (20°C)	250mL

Product Code	Product Name	Properties	Package
GBW13614	Standard liquid of viscosity	50000mm <sup>2</sup> /s, U=0.50% (20°C)	250mL
GBW13615	Standard liquid of viscosity	100000mm <sup>2</sup> /s, U=0.50% (20°C)	250mL
GBW13903	CRMs for specific surface area of black carbon	(104.6±2.2)m <sup>2</sup> /g, k=2	10g
GBW13904	CRMs for specific surface area of black carbon	(29.9±0.7)m <sup>2</sup> /g, k=2	10g
GBW13905	CRMs for specific surface area of black carbon	(8.96±0.30)m <sup>2</sup> /g, k=2	10g
GBW13909	CRMs for specific surface area, total pore volume and pore diameter of mesoporous SiO <sub>2</sub>	specific surface area: (511±15)m <sup>2</sup> /g; total pore volume: (0.806±0.021)cm <sup>3</sup> /g; average pore diameter: (6.31±0.10)nm; BJH most frequent pore diameter: (5.37±0.08)nm	5g
GBW13910	CRMs for specific surface area, total pore volume and pore diameter of mesoporous SiO <sub>2</sub>	specific surface area: (237.2±5.1)m <sup>2</sup> /g; total pore volume: (0.842±0.017)cm <sup>3</sup> /g; average pore diameter: (14.21±0.09)nm; BJH most frequent pore diameter: (9.43±0.11)nm	5g
GBW13911	CRMs for specific surface area, total pore volume and pore diameter of mesoporous Al <sub>2</sub> O <sub>3</sub>	specific surface area: (59.3±2.3)m <sup>2</sup> /g; total pore volume: (0.279±0.009)cm <sup>3</sup> /g; average pore diameter: (18.84±0.64)nm	10g
GBW13912	CRMs for specific surface area, total pore volume and pore diameter of mesoporous Al <sub>2</sub> O <sub>3</sub>	specific surface area: (144.8±4.9)m <sup>2</sup> /g; total pore volume: (0.260±0.012)cm <sup>3</sup> /g; average pore diameter: (7.19±0.21)nm; BJH most frequent pore diameter: (4.38±0.07)nm	5g
GBW13913	CRMs for specific surface area of Al <sub>2</sub> O <sub>3</sub>	(5.47±0.22)m <sup>2</sup> /g	5g

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