

# Reagecon

## Cosmetics Pharma Standards



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# Reagents and Standards for The Cosmetics Industry



## Allergens Single Compound Standards according to European standard CEN/TC 347/WG 4N 19

Product No.	Description	Concentration	Pack Size
REALL1001	Amylcinnamic alcohol (mixture with Amyl hydrocinnamyl alcohol)	100µg/mL in isooctane	1ml
REALL1002	Amylcinnamic aldehyde	100µg/mL in isooctane	1ml
REALL1003	Anisyl alcohol	100µg/mL in isooctane	1ml
REALL1004	Benzyl cinnamate	100µg/mL in isooctane	1ml
REALL1005	Benzyl salicylate	100µg/mL in isooctane	1ml
REALL1006	Butylphenyl methylpropional	100µg/mL in isooctane	1ml
REALL1007	Cinnamic alcohol	100µg/mL in isooctane	1ml
REALL1008	Cinnamic aldehyde	100µg/mL in isooctane	1ml
REALL1009	Citral	100µg/mL in isooctane	1ml
REALL1010	Citronellol	100µg/mL in isooctane	1ml
REALL1011	Geraniol	100µg/mL in isooctane	1ml
REALL1012	Nerol	100µg/mL in isooctane	1ml
REALL1013	Hexylcinnamic aldehyde (purified)	100µg/mL in isooctane	1ml
REALL1014	Hydroxycitronellal	100µg/mL in isooctane	1ml
REALL1015	Hydroxyisohexyl-3-cyclohexene carboxaldehyde	100µg/mL in isooctane	1ml
REALL1016	Isoeugenol (Z+E)	100µg/mL in isooctane	1ml
REALL1017	α-Isomethyl ionone	100µg/mL in isooctane	1ml
REALL1018	Limonene	100µg/mL in isooctane	1ml
REALL1019	Linalool	100µg/mL in isooctane	1ml
REALL1020	Methyl 2-octynoate	100µg/mL in isooctane	1ml
REALL1021	1,4-Dibromobenzene	1000µg/mL in isooctane	1ml
REALL1022	4,4'-Dibromobiphenyl	1000µg/mL in isooctane	1ml

# Reagecon's Conductivity Standards

Product No.	Description	Pack Size
CSKC13	1.30µS/cm @ 25°C	250ml
CSKC136	1.30µS/cm @ 25°C	6x250ml
CSKC3	3µS/cm @ 25°C	250ml
CSKC5	5µS/cm @ 25°C	500ml
CSKC10	10µS/cm @ 25°C	500ml
CSKC20	20µS/cm @ 25°C	500ml
CSKC238	23.8µS/cm @ 25°C	500ml
CSKC25	25µS/cm @ 25°C	500ml
CSKC50	50µS/cm @ 25°C	500ml
CSKC84	84µS/cm @ 25°C	500ml
CSKC100	100µS/cm @ 25°C	500ml
CSKCS	147µS/cm @ 25°C	500ml
CSKC150	150µS/cm @ 25°C	500ml
CSKC185	185µS/cm @ 25°C	500ml
CSKC200	200µS/cm @ 25°C	500ml
CSKC250	250µS/cm @ 25°C	500ml
CSKC300	300µS/cm @ 25°C	500ml
CSKC400	400µS/cm @ 25°C	500ml
CSKC500	500µS/cm @ 25°C	500ml
CSKC718	718µS/cm @ 25°C	500ml
CSKC1000	1000µS/cm @ 25°C	500ml
CSKCL	1413µS/cm @ 25°C	500ml
CSKC2M	2000µS/cm @ 25°C	500ml
CSKC2500	2500µS/cm @ 25°C	500ml
CSKC3M	3000µS/cm @ 25°C	500ml
CSKC5M	5,000µS/cm @ 25°C	500ml
CSKC7M	7,000µS/cm @ 25°C	500ml
CSKC10M	10,000µS/cm @ 25°C	500ml
CSKC12880	12,880µS/cm @ 25°C	500ml
CSKC20M	20,000µS/cm @ 25°C	500ml
CSKC30M	30,000µS/cm @ 25°C	500ml
CSKC40M	40,000µS/cm @ 25°C	500ml
CSKC50M	50,000µS/cm @ 25°C	500ml
CSKC60M	60,000µS/cm @ 25°C	500ml
CSKC80M	80,000µS/cm @ 25°C	500ml
CSKC100M	100,000µS/cm @ 25°C	500ml
CSKC111800	111,800µS/cm @ 25°C	500ml
CSKC150M	150,000µS/cm @ 25°C	500ml
CSKC200M	200,000µS/cm @ 25°C	500ml
CSKC300M	300,000µS/cm @ 25°C	500ml
CSKC350M	350,000µS/cm @ 25°C	500ml
CSKC400M	400,000µS/cm @ 25°C	500ml
CSKC450M	450,000µS/cm @ 25°C	500ml
CSKC500M	500,000µS/cm @ 25°C	500ml

## Atomic Absorption Standards used for Heavy Metal Detection in the Cosmetics Industry.

Description	Concentration 1,000ppm	Concentration 10,000ppm
Aluminium in 0.5M Nitric Acid	AAALH	
Aluminium in 1M Nitric Acid		AAALM
Antimony in Water	AASBH	AASBM
Arsenic (III) in 1M Hydrochloric Acid	AAASH	AAASM
Arsenic (V) in 1M Nitric Acid	AAAS05H	
Barium in 0.5M Nitric Acid	AABAH	
Barium in 1M Nitric Acid		AABAM
Beryllium in 1M Hydrochloric Acid	AABEH	AABEM
Bismuth in 0.5M Nitric Acid	AABIH	
Bismuth in 1M Nitric Acid		AABIM
Boron in Water	AAB-H	AAB-M
Cadmium in 0.5M Nitric Acid	AACDH	
Cadmium in 1M Nitric Acid		AACDM
Calcium in 0.5M Nitric Acid	AACAH	
Calcium in 1M Nitric Acid		AACAM
Cesium in 1M Nitric Acid	AACSH	AACSM
Chromium in 0.5M Nitric Acid	AACRH	
Chromium in 1M Nitric Acid		AACRM
Cobalt in 0.5M Nitric Acid	AACOH	
Cobalt in 1M Nitric Acid		AACOM
Copper in 0.5M Nitric Acid	AACUH	
Copper in 1M Nitric Acid		AACUM
Gadolinium in 1M Hydrochloric Acid	AAGDH	AAGDM
Gallium in 1M Hydrochloric Acid	AAGAH	AAGAM
Gold in 2M Hydrochloric Acid	AAAUH	AAAUM
Indium in 1M Nitric Acid	AAINH	AAINM
Iridium in 10% Hydrochloric Acid	AAIRH	AAIRM
Iron in 0.5M Nitric Acid	AAFEH	
Iron in 1M Nitric Acid		AAFEM
Lanthanum in 1M Nitric Acid	AALAH	AALAM
Lead in 0.5M Nitric Acid	AAPBH	
Lead in 1M Nitric Acid		AAPBM
Lithium in 0.5M Nitric Acid	AALIH	
Lithium in 1M Nitric Acid		AALIM
Magnesium in 0.5M Nitric Acid	AAMGH	
Magnesium in 1M Nitric Acid		AAMGM
Manganese in 1M HCl	AAMNH	AAMNM
Mercury in 0.5M Nitric Acid	AAHGH	
Mercury in 1M Nitric Acid		AAHGM
Molybdenum in Water	AAMOH	AAMOM
Nickel in 0.5M Nitric Acid	AANIH	

Description	Concentration 1,000ppm	Concentration 10,000ppm
Nickel in 1M Nitric Acid		AANIM
Palladium in 1M Hydrochloric Acid	AAPDH	AAPDM
Phosphorus in Water	AAP-H	AAP-M
Platinum in 1M Hydrochloric Acid	AAPTH	AAPTМ
Potassium in 0.5M Nitric Acid	AAK-H	
Potassium in 1M Nitric Acid		AAK-M
Rhodium in 1M Nitric Acid	AARHH	AARHM
Selenium in 0.5M Nitric Acid	AASEH	
Selenium in 1M Nitric Acid		AASEM
Silicon in Water	AASIH	AASIM
Silver in 0.5M Nitric Acid	AAAGH	
Silver in 1M Nitric Acid		AAAGM
Sodium in 0.5M Nitric Acid	AANAH	
Sodium in 1M Nitric Acid		AANAM
Strontium in 0.5M Nitric Acid	AASRH	
Strontium in 1M Nitric Acid		AASRM
Sulphur in Water	AAS-H	AAS-M

# Inductively Coupled Plasma-Mass Spectrometry used for Heavy Metal Detection in the Cosmetics Industry.

## ICP-MS Standards

Product No.	Starting Material and its Purity %	Matrix	Conc µg/ml	Pack size
<b>Aluminium</b>				
PAL1A2	AL 99.999	2 - 5% HNO <sub>3</sub> (v/v)	100	100ml
PAL2A2	AL 99.999	2 - 5% HNO <sub>3</sub> (v/v)	1,000	100ml
PAL2C2	AL 99.999	2 - 5% HNO <sub>3</sub> (v/v)	1,000	500ml
PAL4A2	AL 99.999	2 - 5% HNO <sub>3</sub> (v/v)	10,000	100ml
PAL2A3	AL 99.999	5% HCl (v/v)	1,000	100ml
PAL2C3	AL 99.999	5% HCl (v/v)	1,000	500ml
PAL4A3	AL 99.999	5% HCl (v/v)	10,000	100ml
<b>Antimony</b>				
PSB1A4	Sb 99.999	1% HF + 5% HNO <sub>3</sub> (v/v)	100	100ml
PSB2A4	Sb 99.999	1% HF + 5% HNO <sub>3</sub> (v/v)	1,000	100ml
PSB2C4	Sb 99.999	1% HF + 5% HNO <sub>3</sub> (v/v)	1,000	500ml
PSB4A4	Sb 99.999	1% HF + 5% HNO <sub>3</sub> (v/v)	10,000	100ml
PSB2A5	Sb 99.999	10% HCl (v/v)	1,000	100ml
PSB2C5	Sb 99.999	10% HCl (v/v)	1,000	500ml
PSB4A5	Sb 99.999	10% HCl (v/v)	10,000	100ml
<b>Arsenic</b>				
PAS1A2	As 99.999	2 - 5% HNO <sub>3</sub> (v/v)	100	100ml
PAS2A2	As 99.999	2 - 5% HNO <sub>3</sub> (v/v)	1,000	100ml
PAS2C2	As 99.999	2 - 5% HNO <sub>3</sub> (v/v)	1,000	500ml
PAS4A2	As 99.999	2 - 5% HNO <sub>3</sub> (v/v)	10,000	100ml
<b>Barium</b>				
PBA1A2	BaCO <sub>3</sub> 99.999	2 - 5% HNO <sub>3</sub> (v/v)	100	100ml
PBA2A2	BaCO <sub>3</sub> 99.999	2 - 5% HNO <sub>3</sub> (v/v)	1,000	100ml
PBA2C2	BaCO <sub>3</sub> 99.999	2 - 5% HNO <sub>3</sub> (v/v)	1,000	500ml
PBA4A2	BaCO <sub>3</sub> 99.999	2 - 5% HNO <sub>3</sub> (v/v)	10,000	100ml
PBA2A3	BaCO <sub>3</sub> 99.999	2% HCl (v/v)	1,000	100ml
PBA2C3	BaCO <sub>3</sub> 99.999	2% HCl (v/v)	1,000	500ml
PBA4A3	BaCO <sub>3</sub> 99.999	2% HCl (v/v)	10,000	100ml
<b>Beryllium</b>				
PBE1A2	BeO 99.99	2 - 5% HNO <sub>3</sub> (v/v)	100	100ml
PBE2A2	BeO 99.99	2 - 5% HNO <sub>3</sub> (v/v)	1,000	100ml
PBE2C2	BeO 99.99	2 - 5% HNO <sub>3</sub> (v/v)	1,000	500ml
PBE4A2	BeO 99.99	2 - 5% HNO <sub>3</sub> (v/v)	10,000	100ml
<b>Bismuth</b>				
PBI1A6	Bi 99.999	2 - 5% HNO <sub>3</sub> (v/v)	100	100ml
PBI2A6	Bi 99.999	2 - 5% HNO <sub>3</sub> (v/v)	1,000	100ml
PBI2C6	Bi 99.999	2 - 5% HNO <sub>3</sub> (v/v)	1,000	500ml
PBI4A6	Bi 99.999	2 - 5% HNO <sub>3</sub> (v/v)	10,000	100ml

Product No.	Starting Material and its Purity %	Matrix	Conc µg/ml	Pack size
<b>Boron</b>				
PB1A7	H <sub>3</sub> BO <sub>3</sub> 99.99	H <sub>2</sub> O	100	100ml
PB2A7	H <sub>3</sub> BO <sub>3</sub> 99.99	H <sub>2</sub> O	1,000	100ml
PB2C7	H <sub>3</sub> BO <sub>3</sub> 99.99	H <sub>2</sub> O	1,000	500ml
PB4A7	H <sub>3</sub> BO <sub>3</sub> 99.99	H <sub>2</sub> O	10,000	100ml
<b>Cadmium</b>				
PCD1A2	Cd 99.999	2 - 5% HNO <sub>3</sub> (v/v)	100	100ml
PCD2A2	Cd 99.999	2 - 5% HNO <sub>3</sub> (v/v)	1,000	100ml
PCD2C2	Cd 99.999	2 - 5% HNO <sub>3</sub> (v/v)	1,000	500ml
PCD4A2	Cd 99.999	2 - 5% HNO <sub>3</sub> (v/v)	10,000	100ml
PCD2A3	Cd 99.999	2% HCl (v/v)	1,000	100ml
PCD2C3	Cd 99.999	2% HCl (v/v)	1,000	500ml
<b>Calcium</b>				
PCA1A2	CaCO <sub>3</sub> 99.995	2 - 5% HNO <sub>3</sub> (v/v)	100	100ml
PCA2A2	CaCO <sub>3</sub> 99.995	2 - 5% HNO <sub>3</sub> (v/v)	1,000	100ml
PCA2C2	CaCO <sub>3</sub> 99.995	2 - 5% HNO <sub>3</sub> (v/v)	1,000	500ml
PCA4A2	CaCO <sub>3</sub> 99.995	2 - 5% HNO <sub>3</sub> (v/v)	10,000	100ml
PCA2A3	CaCO <sub>3</sub> 99.995	2% HCl (v/v)	1,000	100ml
PCA2C3	CaCO <sub>3</sub> 99.995	2% HCl (v/v)	1,000	500ml
PCA4A3	CaCO <sub>3</sub> 99.995	2% HCl (v/v)	10,000	100ml
<b>Cerium</b>				
PCE1A2	CeO <sub>2</sub> 99.99	2 - 5% HNO <sub>3</sub> (v/v)	100	100ml
PCE2A2	CeO <sub>2</sub> 99.99	2 - 5% HNO <sub>3</sub> (v/v)	1,000	100ml
PCE2C2	CeO <sub>2</sub> 99.99	2 - 5% HNO <sub>3</sub> (v/v)	1,000	500ml
PCE4A2	CeO <sub>2</sub> 99.99	2 - 5% HNO <sub>3</sub> (v/v)	10,000	100ml
<b>Cesium</b>				
PCS1A2	CsCl 99.999	2 - 5% HNO <sub>3</sub> (v/v)	100	100ml
PCS2A2	CsCl 99.999	2 - 5% HNO <sub>3</sub> (v/v)	1,000	100ml
PCS2C2	CsCl 99.999	2 - 5% HNO <sub>3</sub> (v/v)	1,000	500ml
PCS4A2	CsCl 99.999	2 - 5% HNO <sub>3</sub> (v/v)	10,000	100ml
<b>Chromium</b>				
PCR1A2	Cr(NO <sub>3</sub> ) <sub>3</sub> ·9H <sub>2</sub> O 99.99+	2 - 5% HNO <sub>3</sub> (v/v)	100	100ml
PCR2A2	Cr(NO <sub>3</sub> ) <sub>3</sub> ·9H <sub>2</sub> O 99.99+	2 - 5% HNO <sub>3</sub> (v/v)	1,000	100ml
PCR2C2	Cr(NO <sub>3</sub> ) <sub>3</sub> ·9H <sub>2</sub> O 99.99+	2 - 5% HNO <sub>3</sub> (v/v)	1,000	500ml
PCR4A2	Cr(NO <sub>3</sub> ) <sub>3</sub> ·9H <sub>2</sub> O 99.99+	2 - 5% HNO <sub>3</sub> (v/v)	10,000	100ml
PCR2A3	Cr 99.995	2% HCl (v/v)	1,000	100ml
PCR2C3	Cr 99.995	2% HCl (v/v)	1,000	500ml
PCR4A3	Cr 99.995	2% HCl (v/v)	10,000	100ml
PCR2A7	Cr 99.995	2% HCl (v/v)	1,000	100ml
<b>Cobalt</b>				
PCO1A2	Co 99.995	2 - 5% HNO <sub>3</sub> (v/v)	100	100ml
PCO2A2	Co 99.995	2 - 5% HNO <sub>3</sub> (v/v)	1,000	100ml
PCO2C2	Co 99.995	2 - 5% HNO <sub>3</sub> (v/v)	1,000	500ml
PCO4A2	Co 99.995	2 - 5% HNO <sub>3</sub> (v/v)	10,000	100ml
PCO4A3	Co 99.995	2% HCl (v/v)	10,000	100ml
PCO4C3	Co 99.995	2% HCl (v/v)	10,000	500ml

Product No.	Starting Material and its Purity %	Matrix	Conc µg/ml	Pack size
<b>Copper</b>				
PCU1A2	Cu 99.999	2 - 5% HNO <sub>3</sub> (v/v)	100	100ml
PCU2A2	Cu 99.999	2 - 5% HNO <sub>3</sub> (v/v)	1,000	100ml
PCU2C2	Cu 99.999	2 - 5% HNO <sub>3</sub> (v/v)	1,000	500ml
PCU4A2	Cu 99.999	2 - 5% HNO <sub>3</sub> (v/v)	10,000	100ml
PCU2A3	Cu 99.999	2% HCl (v/v)	1,000	100ml
PCU2C3	Cu 99.999	2% HCl (v/v)	1,000	500ml
PCU4A3	Cu 99.999	2% HCl (v/v)	10,000	100ml
<b>Dysprosium</b>				
PDY1A2	DY <sub>2</sub> O <sub>3</sub> 99.99+	2 - 5% HNO <sub>3</sub> (v/v)	100	100ml
PDY2A2	DY <sub>2</sub> O <sub>3</sub> 99.99+	2 - 5% HNO <sub>3</sub> (v/v)	1,000	100ml
PDY2C2	DY <sub>2</sub> O <sub>3</sub> 99.99+	2 - 5% HNO <sub>3</sub> (v/v)	1,000	500ml
PDY4A2	DY <sub>2</sub> O <sub>3</sub> 99.99+	2 - 5% HNO <sub>3</sub> (v/v)	10,000	100ml
<b>Erbium</b>				
PER1A2	Er <sub>2</sub> O <sub>3</sub> 99.99+	2 - 5% HNO <sub>3</sub> (v/v)	100	100ml
PER2A2	Er <sub>2</sub> O <sub>3</sub> 99.99+	2 - 5% HNO <sub>3</sub> (v/v)	1,000	100ml
PER2C2	Er <sub>2</sub> O <sub>3</sub> 99.99+	2 - 5% HNO <sub>3</sub> (v/v)	1,000	500ml
PER4A2	Er <sub>2</sub> O <sub>3</sub> 99.99+	2 - 5% HNO <sub>3</sub> (v/v)	10,000	100ml
<b>Europium</b>				
PEU1A2	Eu <sub>2</sub> O <sub>3</sub> 99.999	2 - 5% HNO <sub>3</sub> (v/v)	100	100ml
PEU2A2	Eu <sub>2</sub> O <sub>3</sub> 99.999	2 - 5% HNO <sub>3</sub> (v/v)	1,000	100ml
PEU2C2	Eu <sub>2</sub> O <sub>3</sub> 99.999	2 - 5% HNO <sub>3</sub> (v/v)	1,000	500ml
PEU4A2	Eu <sub>2</sub> O <sub>3</sub> 99.999	2 - 5% HNO <sub>3</sub> (v/v)	10,000	100ml
<b>Gadolinium</b>				
PGD1A2	Gd <sub>2</sub> O <sub>3</sub> 99.995	2 - 5% HNO <sub>3</sub> (v/v)	100	100ml
PGD2A2	Gd <sub>2</sub> O <sub>3</sub> 99.995	2 - 5% HNO <sub>3</sub> (v/v)	1,000	100ml
PGD2C2	Gd <sub>2</sub> O <sub>3</sub> 99.995	2 - 5% HNO <sub>3</sub> (v/v)	1,000	500ml
PGD4A2	Gd <sub>2</sub> O <sub>3</sub> 99.995	2 - 5% HNO <sub>3</sub> (v/v)	10,000	100ml
<b>Gallium</b>				
PGA1A2	Ga 99.999	2 - 5% HNO <sub>3</sub> (v/v)	100	100ml
PGA2A2	Ga 99.999	2 - 5% HNO <sub>3</sub> (v/v)	1,000	100ml
PGA2C2	Ga 99.999	2 - 5% HNO <sub>3</sub> (v/v)	1,000	500ml
PGA4A2	Ga 99.999	2 - 5% HNO <sub>3</sub> (v/v)	10,000	100ml
<b>Germanium</b>				
PGE1A7	Ge 99.999	1% HF + 5% HNO <sub>3</sub> (v/v)	100	100ml
PGE2A7	Ge 99.999	1% HF + 5% HNO <sub>3</sub> (v/v)	1,000	100ml
PGE2C7	Ge 99.999	1% HF + 5% HNO <sub>3</sub> (v/v)	1,000	500ml
PGE4A7	Ge 99.999	1% HF + 5% HNO <sub>3</sub> (v/v)	10,000	100ml
<b>Gold</b>				
PAU1A8	Au 99.998	5% HCl (v/v)	100	100ml
PAU2A8	Au 99.998	5% HCl (v/v)	1,000	100ml
PAU2C8	Au 99.998	5% HCl (v/v)	1,000	500ml
PAU4A8	Au 99.998	5% HCl (v/v)	10,000	100ml
<b>Hafnium</b>				
PHF1A3	Hf 99.9	1% HF + 5% HNO <sub>3</sub> (v/v)	100	100ml
PHF2A3	Hf 99.9	1% HF + 5% HNO <sub>3</sub> (v/v)	1,000	100ml
PHF2C3	Hf 99.9	1% HF + 5% HNO <sub>3</sub> (v/v)	1,000	500ml
PHF4A3	Hf 99.9	1% HF + 5% HNO <sub>3</sub> (v/v)	10,000	100ml

Product No.	Starting Material and its Purity %	Matrix	Conc µg/ml	Pack size
<b>Holmium</b>				
PHO1A3	Ho <sub>2</sub> O <sub>3</sub> 99.999	2 - 5% HNO <sub>3</sub> (v/v)	100	100ml
PHO2A2	Ho <sub>2</sub> O <sub>3</sub> 99.999	2 - 5% HNO <sub>3</sub> (v/v)	1,000	100ml
PHO2C2	Ho <sub>2</sub> O <sub>3</sub> 99.999	2 - 5% HNO <sub>3</sub> (v/v)	1,000	500ml
PHO4A2	Ho <sub>2</sub> O <sub>3</sub> 99.999	2 - 5% HNO <sub>3</sub> (v/v)	10,000	100ml
<b>Indium</b>				
PIN1A2	In 99.999	2 - 5% HNO <sub>3</sub> (v/v)	100	100ml
PIN2A2	In 99.999	2 - 5% HNO <sub>3</sub> (v/v)	1,000	100ml
PIN2C2	In 99.999	2 - 5% HNO <sub>3</sub> (v/v)	1,000	500ml
PIN4A2	In 99.999	2 - 5% HNO <sub>3</sub> (v/v)	10,000	100ml
<b>Iridium</b>				
PIR1A8	(NH <sub>4</sub> ) <sub>2</sub> IrCl <sub>6</sub> 99.998	5% HCl (v/v)	100	100ml
PIR2A8	(NH <sub>4</sub> ) <sub>2</sub> IrCl <sub>6</sub> 99.998	5% HCl (v/v)	1,000	100ml
PIR2C8	(NH <sub>4</sub> ) <sub>2</sub> IrCl <sub>6</sub> 99.998	5% HCl (v/v)	1,000	500ml
PIR4A8	(NH <sub>4</sub> ) <sub>2</sub> IrCl <sub>6</sub> 99.998	5% HCl (v/v)	10,000	100ml
<b>Iron</b>				
PFE1A2	Fe 99.999	2 - 5% HNO <sub>3</sub> (v/v)	100	100ml
PFE2A2	Fe 99.999	2 - 5% HNO <sub>3</sub> (v/v)	1,000	100ml
PFE2C2	Fe 99.999	2 - 5% HNO <sub>3</sub> (v/v)	1,000	500ml
PFE4A2	Fe 99.999	2 - 5% HNO <sub>3</sub> (v/v)	10,000	100ml
PFE2A3	Fe 99.999	2 - 5% HCl (v/v)	1,000	100ml
PFE2C3	Fe 99.999	2 - 5% HCl (v/v)	1,000	500ml
PFE4A3	Fe 99.999	2 - 5% HCl (v/v)	10,000	100ml
<b>Lanthanum</b>				
PLA1A2	LA <sub>2</sub> O <sub>3</sub> 99.999	2 - 5% HNO <sub>3</sub> (v/v)	100	100ml
PLA2A2	LA <sub>2</sub> O <sub>3</sub> 99.999	2 - 5% HNO <sub>3</sub> (v/v)	1,000	100ml
PLA2C2	LA <sub>2</sub> O <sub>3</sub> 99.999	2 - 5% HNO <sub>3</sub> (v/v)	1,000	500ml
PLA4A2	LA <sub>2</sub> O <sub>3</sub> 99.999	2 - 5% HNO <sub>3</sub> (v/v)	10,000	100ml
<b>Lead</b>				
PPB1A2	Pb 99.999	2 - 5% HNO <sub>3</sub> (v/v)	100	100ml
PPB2A2	Pb 99.999	2 - 5% HNO <sub>3</sub> (v/v)	1,000	100ml
PPB2C2	Pb 99.999	2 - 5% HNO <sub>3</sub> (v/v)	1,000	500ml
PPB4A2	Pb 99.999	2 - 5% HNO <sub>3</sub> (v/v)	10,000	100ml
<b>Lithium</b>				
PLI1A2	Li <sub>2</sub> CO <sub>3</sub> 99.997	2 - 5% HNO <sub>3</sub> (v/v)	100	100ml
PLI2A2	Li <sub>2</sub> CO <sub>3</sub> 99.997	2 - 5% HNO <sub>3</sub> (v/v)	1,000	100ml
PLI2C2	Li <sub>2</sub> CO <sub>3</sub> 99.997	2 - 5% HNO <sub>3</sub> (v/v)	1,000	500ml
PLI4A2	Li <sub>2</sub> CO <sub>3</sub> 99.997	2 - 5% HNO <sub>3</sub> (v/v)	10,000	100ml
PLI2A3	Li <sub>2</sub> CO <sub>3</sub> 99.997	2 - 5% HCl (v/v)	1,000	100ml
PLI2C3	Li <sub>2</sub> CO <sub>3</sub> 99.997	2 - 5% HCl (v/v)	1,000	500ml
PLI4A3	Li <sub>2</sub> CO <sub>3</sub> 99.997	2 - 5% HCl (v/v)	10,000	100ml
<b>Lutetium</b>				
PLU1A2	Lu <sub>2</sub> O <sub>3</sub> 99.99	2 - 5% HNO <sub>3</sub> (v/v)	100	100ml
PLU2A2	Lu <sub>2</sub> O <sub>3</sub> 99.99	2 - 5% HNO <sub>3</sub> (v/v)	1,000	100ml
PLU2C2	Lu <sub>2</sub> O <sub>3</sub> 99.99	2 - 5% HNO <sub>3</sub> (v/v)	1,000	500ml
PLU4A2	Lu <sub>2</sub> O <sub>3</sub> 99.99	2 - 5% HNO <sub>3</sub> (v/v)	10,000	100ml

Product No.	Starting Material and its Purity %	Matrix	Conc µg/ml	Pack size
<b>Magnesium</b>				
PMG1A2	Mg 99.99	2 - 5% HNO <sub>3</sub> (v/v)	100	100ml
PMG2A2	Mg 99.99	2 - 5% HNO <sub>3</sub> (v/v)	1,000	100ml
PMG2C2	Mg 99.99	2 - 5% HNO <sub>3</sub> (v/v)	1,000	500ml
PMG4A2	Mg 99.99	2 - 5% HNO <sub>3</sub> (v/v)	10,000	100ml
PMG2A3	Mg 99.99	2 - 5% HCl (v/v)	1,000	100ml
PMG2C3	Mg 99.99	2 - 5% HCl (v/v)	1,000	500ml
PMG4A3	Mg 99.99	2 - 5% HCl (v/v)	10,000	100ml
<b>Manganese</b>				
PMN1A2	Mn 99.98	2 - 5% HNO <sub>3</sub> (v/v)	100	100ml
PMN2A2	Mn 99.98	2 - 5% HNO <sub>3</sub> (v/v)	1,000	100ml
PMN2C2	Mn 99.98	2 - 5% HNO <sub>3</sub> (v/v)	1,000	500ml
PMN4A2	Mn 99.98	2 - 5% HNO <sub>3</sub> (v/v)	10,000	100ml
<b>Mercury</b>				
PHG1A6	Hg 99.999+	2 - 5% HNO <sub>3</sub> (v/v)	100	100ml
PHG2A6	Hg 99.999+	2 - 5% HNO <sub>3</sub> (v/v)	1,000	100ml
PHG2C6	Hg 99.999+	2 - 5% HNO <sub>3</sub> (v/v)	1,000	500ml
PHG4A6	Hg 99.999+	2 - 5% HNO <sub>3</sub> (v/v)	10,000	100ml
<b>Molybdenum</b>				
PMO1A7	Mo 99.999	2% NH <sub>4</sub> OH (v/v)	100	100ml
PMO2A7	Mo 99.999	2% NH <sub>4</sub> OH (v/v)	1,000	100ml
PMO2C7	Mo 99.999	2% NH <sub>4</sub> OH (v/v)	1,000	500ml
PMO4A7	Mo 99.999	2% NH <sub>4</sub> OH (v/v)	10,000	100ml
<b>Neodymium</b>				
PND1A2	Nd <sub>2</sub> O <sub>3</sub> 99.99	2 - 5% HNO <sub>3</sub> (v/v)	100	100ml
PND2A2	Nd <sub>2</sub> O <sub>3</sub> 99.99	2 - 5% HNO <sub>3</sub> (v/v)	1,000	100ml
PND2C2	Nd <sub>2</sub> O <sub>3</sub> 99.99	2 - 5% HNO <sub>3</sub> (v/v)	1,000	500ml
PND4A2	Nd <sub>2</sub> O <sub>3</sub> 99.99	2 - 5% HNO <sub>3</sub> (v/v)	10,000	100ml
<b>Nickel</b>				
PNI1A2	Ni 99.999	2 - 5% HNO <sub>3</sub> (v/v)	100	100ml
PNI2A2	Ni 99.999	2 - 5% HNO <sub>3</sub> (v/v)	1,000	100ml
PNI2C2	Ni 99.999	2 - 5% HNO <sub>3</sub> (v/v)	1,000	500ml
PNI4A2	Ni 99.999	2 - 5% HNO <sub>3</sub> (v/v)	10,000	100ml
<b>Niobium</b>				
PNB1A9	Nb 99.9+	1% HF + 5% HNO <sub>3</sub> (v/v)	100	100ml
PNB2A9	Nb 99.9+	1% HF + 5% HNO <sub>3</sub> (v/v)	1,000	100ml
PNB2C9	Nb 99.9+	1% HF + 5% HNO <sub>3</sub> (v/v)	1,000	500ml
PNB4A9	Nb 99.9+	1% HF + 5% HNO <sub>3</sub> (v/v)	10,000	100ml
<b>Palladium</b>				
PPD1A8	Pd 99.999	5% HCl (v/v)	100	100ml
PPD2A8	Pd 99.999	5% HCl (v/v)	1,000	100ml
PPD2C8	Pd 99.999	5% HCl (v/v)	1,000	500ml
PPB4A8	Pd 99.999	5% HCl (v/v)	10,000	100ml
<b>Phosphorus</b>				
PP1A7	NH <sub>4</sub> H <sub>2</sub> PO <sub>4</sub> 99.999	0.05% H <sub>2</sub> SO <sub>4</sub> (v/v)	100	100ml
PP2A7	NH <sub>4</sub> H <sub>2</sub> PO <sub>4</sub> 99.999	0.05% H <sub>2</sub> SO <sub>4</sub> (v/v)	1,000	100ml
PP2C7	NH <sub>4</sub> H <sub>2</sub> PO <sub>4</sub> 99.999	0.05% H <sub>2</sub> SO <sub>4</sub> (v/v)	1,000	500ml
PP4A7	NH <sub>4</sub> H <sub>2</sub> PO <sub>4</sub> 99.999	0.05% H <sub>2</sub> SO <sub>4</sub> (v/v)	10,000	100ml
PPT1A8	Pt 99.995	5% HCl (v/v)	100	100ml
PPT2A8	Pt 99.995	5% HCl (v/v)	1,000	100ml
PPT2C8	Pt 99.995	5% HCl (v/v)	1,000	500ml
PPT4A8	Pt 99.995	5% HCl (v/v)	10,000	100ml

Product No.	Starting Material and its Purity %	Matrix	Conc µg/ml	Pack size
<b>Potassium</b>				
PK1A2	KNO <sub>3</sub> 99.999	2 - 5% HNO <sub>3</sub> (v/v)	100	100ml
PK2A2	KNO <sub>3</sub> 99.999	2 - 5% HNO <sub>3</sub> (v/v)	1,000	100ml
PK2C2	KNO <sub>3</sub> 99.999	2 - 5% HNO <sub>3</sub> (v/v)	1,000	500ml
PK4A2	KNO <sub>3</sub> 99.999	2 - 5% HNO <sub>3</sub> (v/v)	10,000	100ml
PK2A3	KCl 99.999	H <sub>2</sub> O	1,000	100ml
PK2C3	KCl 99.999	H <sub>2</sub> O	1,000	500ml
PK4A3	KCl 99.999	H <sub>2</sub> O	10,000	100ml
<b>Praseodymium</b>				
PPR1A2	Pr <sub>6</sub> O <sub>11</sub> 99.999	5% HCl (v/v)	100	100ml
PPR2A2	Pr <sub>6</sub> O <sub>11</sub> 99.999	5% HCl (v/v)	1,000	100ml
PPR2C2	Pr <sub>6</sub> O <sub>11</sub> 99.999	5% HCl (v/v)	1,000	500ml
PPR4A2	Pr <sub>6</sub> O <sub>11</sub> 99.999	5% HCl (v/v)	10,000	100ml
<b>Rhenium</b>				
PRE1A7	NH <sub>4</sub> ReO <sub>4</sub> 99.999	H <sub>2</sub> O	100	100ml
PRE2A7	NH <sub>4</sub> ReO <sub>4</sub> 99.999	H <sub>2</sub> O	1,000	100ml
PRE2C7	NH <sub>4</sub> ReO <sub>4</sub> 99.999	H <sub>2</sub> O	1,000	500ml
PRE4A7	NH <sub>4</sub> ReO <sub>4</sub> 99.999	H <sub>2</sub> O	10,000	100ml
<b>Rhodium</b>				
PRH1A8	(NH <sub>4</sub> ) <sub>3</sub> RhCl <sub>6</sub> 99.99	5% HCl (v/v)	100	100ml
PRH2A8	(NH <sub>4</sub> ) <sub>3</sub> RhCl <sub>6</sub> 99.99	5% HCl (v/v)	1,000	100ml
PRH2C8	(NH <sub>4</sub> ) <sub>3</sub> RhCl <sub>6</sub> 99.99	5% HCl (v/v)	1,000	500ml
PRH4A8	(NH <sub>4</sub> ) <sub>3</sub> RhCl <sub>6</sub> 99.99	5% HCl (v/v)	10,000	100ml
<b>Rubidium</b>				
PRB1A2	RbNO <sub>3</sub> 99.99	2 - 5% HNO <sub>3</sub> (v/v)	100	100ml
PRB2A2	RbNO <sub>3</sub> 99.99	2 - 5% HNO <sub>3</sub> (v/v)	1,000	100ml
PRB2C2	RbNO <sub>3</sub> 99.99	2 - 5% HNO <sub>3</sub> (v/v)	1,000	500ml
PRB4A2	RbNO <sub>3</sub> 99.99	2 - 5% HNO <sub>3</sub> (v/v)	10,000	100ml
<b>Ruthenium</b>				
PRU1A8	(NH <sub>4</sub> ) <sub>3</sub> RuCl <sub>6</sub> 99.99	5% HCl (v/v)	100	100ml
PRU2A8	(NH <sub>4</sub> ) <sub>3</sub> RuCl <sub>6</sub> 99.99	5% HCl (v/v)	1,000	100ml
PRU2C8	(NH <sub>4</sub> ) <sub>3</sub> RuCl <sub>6</sub> 99.99	5% HCl (v/v)	1,000	500ml
PRU4A8	(NH <sub>4</sub> ) <sub>3</sub> RuCl <sub>6</sub> 99.99	5% HCl (v/v)	10,000	100ml
<b>Samarium</b>				
PSM1A2	Sm <sub>2</sub> O <sub>3</sub> 99.99	2 - 5% HNO <sub>3</sub> (v/v)	100	100ml
PSM2A2	Sm <sub>2</sub> O <sub>3</sub> 99.99	2 - 5% HNO <sub>3</sub> (v/v)	1,000	100ml
PSM2C2	Sm <sub>2</sub> O <sub>3</sub> 99.99	2 - 5% HNO <sub>3</sub> (v/v)	1,000	500ml
PSM4A2	Sm <sub>2</sub> O <sub>3</sub> 99.99	2 - 5% HNO <sub>3</sub> (v/v)	10,000	100ml
<b>Scandium</b>				
PSC1A2	Sc <sub>2</sub> O <sub>3</sub> 99.999	2 - 5% HNO <sub>3</sub> (v/v)	100	100ml
PSC2A2	Sc <sub>2</sub> O <sub>3</sub> 99.999	2 - 5% HNO <sub>3</sub> (v/v)	1,000	100ml
PSC2C2	Sc <sub>2</sub> O <sub>3</sub> 99.999	2 - 5% HNO <sub>3</sub> (v/v)	1,000	500ml
PSC4A2	Sc <sub>2</sub> O <sub>3</sub> 99.999	2 - 5% HNO <sub>3</sub> (v/v)	10,000	100ml
<b>Selenium</b>				
PSE1A2	Se 99.999	2 - 5% HNO <sub>3</sub> (v/v)	100	100ml
PSE2A2	Se 99.999	2 - 5% HNO <sub>3</sub> (v/v)	1,000	100ml
PSE2C2	Se 99.999	2 - 5% HNO <sub>3</sub> (v/v)	1,000	500ml
PSE4A2	Se 99.999	2 - 5% HNO <sub>3</sub> (v/v)	10,000	100ml

Product No.	Starting Material and its Purity %	Matrix	Conc µg/ml	Pack size
<b>Silicon</b>				
PSI1A9	(NH <sub>4</sub> ) <sub>2</sub> SiF <sub>6</sub> 99.99	0.05% HF (v/v)	100	100ml
PSI2A9	(NH <sub>4</sub> ) <sub>2</sub> SiF <sub>6</sub> 99.99	0.05% HF (v/v)	1,000	100ml
PSI2C9	(NH <sub>4</sub> ) <sub>2</sub> SiF <sub>6</sub> 99.99	0.05% HF (v/v)	1,000	500ml
PSI4A9	(NH <sub>4</sub> ) <sub>2</sub> SiF <sub>6</sub> 99.99	0.05% HF (v/v)	10,000	100ml
PSI2A7	Na <sub>2</sub> SiO <sub>3</sub> 99.9	H <sub>2</sub> O	1,000	100ml
PSI2C7	Na <sub>2</sub> SiO <sub>3</sub> 99.9	H <sub>2</sub> O	1,000	500ml
PSI4A7	Na <sub>2</sub> SiO <sub>3</sub> 99.9	H <sub>2</sub> O	10,000	100ml
<b>Silver</b>				
PAG1A2	Ag 99.999	2 - 5% HNO <sub>3</sub> (v/v)	100	100ml
PAG2A2	Ag 99.999	2 - 5% HNO <sub>3</sub> (v/v)	1,000	100ml
PAG2C2	Ag 99.999	2 - 5% HNO <sub>3</sub> (v/v)	1,000	500ml
PAG4A2	Ag 99.999	2 - 5% HNO <sub>3</sub> (v/v)	10,000	100ml
<b>Sodium</b>				
PNA1A2	NaNO <sub>3</sub> 99.99	2 - 5% HNO <sub>3</sub> (v/v)	100	100ml
PNA2A2	NaNO <sub>3</sub> 99.99	2 - 5% HNO <sub>3</sub> (v/v)	1,000	100ml
PNA2C2	NaNO <sub>3</sub> 99.99	2 - 5% HNO <sub>3</sub> (v/v)	1,000	500ml
PNA4A2	NaNO <sub>3</sub> 99.99	2 - 5% HNO <sub>3</sub> (v/v)	10,000	100ml
PNA2A3	NaCl 99.999	H <sub>2</sub> O	1,000	100ml
PNA2C3	NaCl 99.999	H <sub>2</sub> O	1,000	500ml
PNA4A3	NaCl 99.999	H <sub>2</sub> O	10,000	100ml
<b>Strontium</b>				
PSR1A2	SrCO <sub>3</sub> 99.995	2 - 5% HNO <sub>3</sub> (v/v)	100	100ml
PSR2A2	SrCO <sub>3</sub> 99.995	2 - 5% HNO <sub>3</sub> (v/v)	1,000	100ml
PSR2C2	SrCO <sub>3</sub> 99.995	2 - 5% HNO <sub>3</sub> (v/v)	1,000	500ml
PSR4A2	SrCO <sub>3</sub> 99.995	2 - 5% HNO <sub>3</sub> (v/v)	10,000	100ml
PSR2A3	SrCO <sub>3</sub> 99.995	2 - 5% HCl (v/v)	1,000	100ml
PSR2C3	SrCO <sub>3</sub> 99.995	2 - 5% HCl (v/v)	1,000	500ml
PSR4A3	SrCO <sub>3</sub> 99.995	2 - 5% HCl (v/v)	10,000	100ml
<b>Sulphur</b>				
PS1A7	(NH <sub>4</sub> ) <sub>2</sub> SO <sub>4</sub> 99.999	H <sub>2</sub> O	100	100ml
PS2A7	(NH <sub>4</sub> ) <sub>2</sub> SO <sub>4</sub> 99.999	H <sub>2</sub> O	1,000	100ml
PS2C7	(NH <sub>4</sub> ) <sub>2</sub> SO <sub>4</sub> 99.999	H <sub>2</sub> O	1,000	500ml
PS4A7	(NH <sub>4</sub> ) <sub>2</sub> SO <sub>4</sub> 99.999	H <sub>2</sub> O	10,000	100ml
<b>Tantalum</b>				
PTA1A9	Ta 99.98	1% HF + 5% HNO <sub>3</sub> (v/v)	100	100ml
PTA2A9	Ta 99.98	1% HF + 5% HNO <sub>3</sub> (v/v)	1,000	100ml
PTA2C9	Ta 99.98	1% HF + 5% HNO <sub>3</sub> (v/v)	1,000	500ml
PTA4A9	Ta 99.98	1% HF + 5% HNO <sub>3</sub> (v/v)	10,000	100ml
<b>Tellurium</b>				
PTE1A10	Te 99.999	20% HCl (v/v)	100	100ml
PTE2A10	Te 99.999	20% HCl (v/v)	1,000	100ml
PTE2C10	Te 99.999	20% HCl (v/v)	1,000	500ml
<b>Terbium</b>				
PTB1A2	Tb <sub>4</sub> O <sub>7</sub> 99.999	2 - 5% HNO <sub>3</sub> (v/v)	100	100ml
PTB2A2	Tb <sub>4</sub> O <sub>7</sub> 99.999	2 - 5% HNO <sub>3</sub> (v/v)	1,000	100ml
PTB2C2	Tb <sub>4</sub> O <sub>7</sub> 99.999	2 - 5% HNO <sub>3</sub> (v/v)	1,000	500ml
PTB4A2	Tb <sub>4</sub> O <sub>7</sub> 99.999	2 - 5% HNO <sub>3</sub> (v/v)	10,000	100ml

Product No.	Starting Material and its Purity %	Matrix	Conc µg/ml	Pack size
<b>Thallium</b>				
PTL1A2	TlNO <sub>3</sub> 99.9995	2 - 5% HNO <sub>3</sub> (v/v)	100	100ml
PTL2A2	TlNO <sub>3</sub> 99.9995	2 - 5% HNO <sub>3</sub> (v/v)	1,000	100ml
PTL2C2	TlNO <sub>3</sub> 99.9995	2 - 5% HNO <sub>3</sub> (v/v)	1,000	500ml
PTL4A2	TlNO <sub>3</sub> 99.9995	2 - 5% HNO <sub>3</sub> (v/v)	10,000	100ml
<b>Thorium</b>				
PTH1A2	ThO <sub>2</sub> 99.95	2 - 5% HNO <sub>3</sub> (v/v)	100	100ml
PTH2A2	ThO <sub>2</sub> 99.95	2 - 5% HNO <sub>3</sub> (v/v)	1,000	100ml
PTH2C2	ThO <sub>2</sub> 99.95	2 - 5% HNO <sub>3</sub> (v/v)	1,000	500ml
PTH4A2	ThO <sub>2</sub> 99.95	2 - 5% HNO <sub>3</sub> (v/v)	10,000	100ml
<b>Thulium</b>				
PTM1A2	Tm <sub>2</sub> O <sub>3</sub> 99.99	2 - 5% HNO <sub>3</sub> (v/v)	100	100ml
PTM2A2	Tm <sub>2</sub> O <sub>3</sub> 99.99	2 - 5% HNO <sub>3</sub> (v/v)	1,000	100ml
PTM2C2	Tm <sub>2</sub> O <sub>3</sub> 99.99	2 - 5% HNO <sub>3</sub> (v/v)	1,000	500ml
PTM4A2	Tm <sub>2</sub> O <sub>3</sub> 99.99	2 - 5% HNO <sub>3</sub> (v/v)	10,000	100ml
<b>Tin</b>				
PSN1A5	Sn 99.999	1% HF + 5% HNO <sub>3</sub> (v/v)	100	100ml
PSN2A5	Sn 99.999	1% HF + 5% HNO <sub>3</sub> (v/v)	1,000	100ml
PSN2C5	Sn 99.999	1% HF + 5% HNO <sub>3</sub> (v/v)	1,000	500ml
PSN4A5	Sn 99.999	1% HF + 5% HNO <sub>3</sub> (v/v)	10,000	100ml
PSN2A13	Sn 99.999	10% HCl (v/v)	1,000	100ml
PSN2C13	Sn 99.999	10% HCl (v/v)	1,000	500ml
PSN4A19	Sn 99.999	20% HCl (v/v)	10,000	100ml
<b>Titanium</b>				
PTI1A9	Ti 99.98	1% HF + 5% HNO <sub>3</sub> (v/v)	100	100ml
PTI2A9	Ti 99.98	1% HF + 5% HNO <sub>3</sub> (v/v)	1,000	100ml
PTI2C9	Ti 99.98	1% HF + 5% HNO <sub>3</sub> (v/v)	1,000	500ml
PTI4A9	Ti 99.98	1% HF + 5% HNO <sub>3</sub> (v/v)	10,000	100ml
<b>Tungsten</b>				
PW2A7	W 99.99+	2% NH <sub>4</sub> OH (v/v)	1,000	100ml
PW2C7	W 99.99+	2% NH <sub>4</sub> OH (v/v)	1,000	500ml
PW4A7	W 99.99+	2% NH <sub>4</sub> OH (v/v)	10,000	100ml
<b>Uranium</b>				
PU1A2	U <sub>3</sub> O <sub>8</sub> 99.95	2 - 5% HNO <sub>3</sub> (v/v)	100	100ml
PU2A2	U <sub>3</sub> O <sub>8</sub> 99.95	2 - 5% HNO <sub>3</sub> (v/v)	1,000	100ml
PU2C2	U <sub>3</sub> O <sub>8</sub> 99.95	2 - 5% HNO <sub>3</sub> (v/v)	1,000	500ml
PU4A2	U <sub>3</sub> O <sub>8</sub> 99.95	2 - 5% HNO <sub>3</sub> (v/v)	10,000	100ml
<b>Vanadium</b>				
PV1A19	NH <sub>4</sub> VO <sub>3</sub> 99.95+	2 - 5% HNO <sub>3</sub> (v/v)	100	100ml
PV2A19	NH <sub>4</sub> VO <sub>3</sub> 99.95+	2 - 5% HNO <sub>3</sub> (v/v)	1,000	100ml
PV2C19	NH <sub>4</sub> VO <sub>3</sub> 99.95+	2 - 5% HNO <sub>3</sub> (v/v)	1,000	500ml
PV4A19	NH <sub>4</sub> VO <sub>3</sub> 99.95+	2 - 5% HNO <sub>3</sub> (v/v)	10,000	100ml
<b>Ytterbium</b>				
PYB2A2	Yb <sub>2</sub> O <sub>3</sub> 99.99	2 - 5% HNO <sub>3</sub> (v/v)	1,000	100ml
PYB2C2	Yb <sub>2</sub> O <sub>3</sub> 99.99	2 - 5% HNO <sub>3</sub> (v/v)	1,000	500ml
PYB4A2	Yb <sub>2</sub> O <sub>3</sub> 99.99	2 - 5% HNO <sub>3</sub> (v/v)	10,000	100ml
<b>Yttrium</b>				
PY1A2	Y <sub>2</sub> O <sub>3</sub> 99.999	2 - 5% HNO <sub>3</sub> (v/v)	100	100ml
PY2A2	Y <sub>2</sub> O <sub>3</sub> 99.999	2 - 5% HNO <sub>3</sub> (v/v)	1,000	100ml
PY2C2	Y <sub>2</sub> O <sub>3</sub> 99.999	2 - 5% HNO <sub>3</sub> (v/v)	1,000	500ml
PY4A2	Y <sub>2</sub> O <sub>3</sub> 99.999	2 - 5% HNO <sub>3</sub> (v/v)	10,000	100ml

Product No.	Starting Material and its Purity %	Matrix	Conc µg/ml	Pack size
<b>Zinc</b>				
PZN1A2	Zn 99.999	2 - 5% HNO <sub>3</sub> (v/v)	100	100ml
PZN2A2	Zn 99.999	2 - 5% HNO <sub>3</sub> (v/v)	1,000	100ml
PZN2C2	Zn 99.999	2 - 5% HNO <sub>3</sub> (v/v)	1,000	500ml
PZN4A2	Zn 99.999	2 - 5% HNO <sub>3</sub> (v/v)	10,000	100ml
PZN2A3	Zn 99.999	2% HCl (v/v)	1,000	100ml
PZN2C3	Zn 99.999	2% HCl (v/v)	1,000	500ml
PZN4A3	Zn 99.999	2% HCl (v/v)	10,000	100ml
<b>Zirconium</b>				
PZR1A2	Zr 99.98	1% HF + 5% HNO <sub>3</sub> (v/v)	100	100ml
PZR2A2	Zr 99.98	1% HF + 5% HNO <sub>3</sub> (v/v)	1,000	100ml
PZR2C2	Zr 99.98	1% HF + 5% HNO <sub>3</sub> (v/v)	1,000	500ml
PZR4A2	Zr 99.98	1% HF + 5% HNO <sub>3</sub> (v/v)	10,000	100ml