

NEW

ICP Standards

Manufactured by Reagecon

Reagecon
Delivering the Correct Result

Why use Reagecon's ICP Standards?

Commercial Benefits

- Ready to use (dilute for use as calibration and/or quality control standards)
- Extensive range of elemental standards available
- Can be used with any ICP system
- Customised standards prepared on request

Technical Benefits

- Uncertainty of measurement (gravimetric) up to $\pm 0.6\%$
- NIST Traceable where applicable
- Consistency of product -- Independent, traceable, certified.
- Certificates of Analysis and SDS available online



These products are prepared gravimetrically on a weight/weight basis from high purity raw materials. Both solute and solvent are weighed on a balance calibrated by Reagecon engineers using OIML traceable weights. Reagecon holds ISO 17025 accreditation for weighing, (ref. 265C) and the resulting certificate is issued in accordance with the requirements of ISO/IEC 17025. The concentration of each standard is verified using a high performance calibrated ICP-MS system. The calibration of the ICP-MS is completed using high purity ISO Guide 34 accredited standards and/or NIST SRMs. In addition to the certification of the primary element(s) in a standard each certificate of analysis details of up to 70 impurities.

ICP Standards

Part	Description	Concentration	Pack Size mls
PAG1A2	ICP Standard Silver 2-5% HNO3 100µg/g	100µg/g (100ppm wt/wt)	100
PAL1A2	ICP Standard Aluminum 2-5% HNO3 100µg/g	100µg/g (100ppm wt/wt)	100
PAS1A2	ICP Standard Arsenic 2-5% HNO3 100µg/g	100µg/g (100ppm wt/wt)	100
PAU1A8	ICP Standard Gold 10% HCl 100µg/g	100µg/g (100ppm wt/wt)	100

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Part	Description	Concentration	Pack Size mls
PB1A7	ICP Standard Boron H2O 100µg/g	100µg/g (100ppm wt/wt)	100
PBA1A2	ICP Standard Barium 2-5% HNO3 100µg/g	100µg/g (100ppm wt/wt)	100
PBE1A2	ICP Standard Beryllium 2-5% HNO3 100µg/g	100µg/g (100ppm wt/wt)	100
PBI1A6	ICP Standard Bismuth 10% HNO3 100µg/g	100µg/g (100ppm wt/wt)	100
PC1A7	ICP Standard Carbon H2O 100µg/g	100µg/g (100ppm wt/wt)	100
PCA1A2	ICP Standard Calcium 2-5% HNO3 100µg/g	100µg/g (100ppm wt/wt)	100
PCD1A2	ICP Standard Cadmium 2-5% HNO3 100µg/g	100µg/g (100ppm wt/wt)	100
PCE1A2	ICP Standard Cerium 2-5% HNO3 100µg/g	100µg/g (100ppm wt/wt)	100
PCO1A2	ICP Standard Cobalt 2-5% HNO3 100µg/g	100µg/g (100ppm wt/wt)	100
PCR1A2	ICP Standard Chromium 2-5% HNO3 100µg/g	100µg/g (100ppm wt/wt)	100
PCS1A2	ICP Standard Cesium 2-5% HNO3 100µg/g	100µg/g (100ppm wt/wt)	100
PCU1A2	ICP Standard Copper 2-5% HNO3 100µg/g	100µg/g (100ppm wt/wt)	100
PDY1A2	ICP Standard Dysprosium 2-5% HNO3 100µg/g	100µg/g (100ppm wt/wt)	100
PER1A2	ICP Standard Erbium 2-5% HNO3 100µg/g	100µg/g (100ppm wt/wt)	100
PEU1A2	ICP Standard Europium 2-5% HNO3 100µg/g	100µg/g (100ppm wt/wt)	100
PFE1A2	ICP Standard Iron 2-5% HNO3 100µg/g	100µg/g (100ppm wt/wt)	100

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PGA1A2	ICP Standard Gallium 2-5% HNO ₃ 100µg/g	100µg/g (100ppm wt/wt)	100
PGD1A2	ICP Standard Gadolinium 2-5% HNO ₃ 100µg/g	100µg/g (100ppm wt/wt)	100
PGE1A7	ICP Standard Germanium H ₂ O/tr HF 100µg/g	100µg/g (100ppm wt/wt)	100
PHF1A3	ICP Standard Hafnium 2-5% HCl 100µg/g	100µg/g (100ppm wt/wt)	100
PHG1A6	ICP Standard Mercury 10% HNO ₃ 100µg/g	100µg/g (100ppm wt/wt)	100
PHO1A2	ICP Standard Holmium 2-5% HNO ₃ 100µg/g	100µg/g (100ppm wt/wt)	100
PIN1A2	ICP Standard Indium 2-5% HNO ₃ 100µg/g	100µg/g (100ppm wt/wt)	100
PIR1A8	ICP Standard Iridium 10% HCl 100µg/g	100µg/g (100ppm wt/wt)	100
PK1A2	ICP Standard Potassium 2-5% HNO ₃ 100µg/g	100µg/g (100ppm wt/wt)	100
PLA1A2	ICP Standard Lanthanum 2-5% HNO ₃ 100µg/g	100µg/g (100ppm wt/wt)	100
PLI1A2	ICP Standard Lithium 2-5% HNO ₃ 100µg/g	100µg/g (100ppm wt/wt)	100
PLU1A2	ICP Standard Lutetium 2-5% HNO ₃ 100µg/g	100µg/g (100ppm wt/wt)	100
PMG1A2	ICP Standard Magnesium 2-5% HNO ₃ 100µg/g	100µg/g (100ppm wt/wt)	100
PMN1A2	ICP Standard Manganese 2-5% HNO ₃ 100µg/g	100µg/g (100ppm wt/wt)	100
PMO1A7	ICP Standard Molybdenum H ₂ O 100µg/g	100µg/g (100ppm wt/wt)	100
PNA1A2	ICP Standard Sodium 2-5% HNO ₃ 100µg/g	100µg/g (100ppm wt/wt)	100
NB1A9	ICP Standard Niobium H ₂ O/tr HF 100µg/g	100µg/g (100ppm wt/wt)	100

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Part	Description	Concentration	Pack Size mls
PND1A2	ICP Standard Neodymium 2-5% HNO ₃ 100µg/g	100µg/g (100ppm wt/wt)	100
PNI1A2	ICP Standard Nickel 2-5% HNO ₃ 100µg/g	100µg/g (100ppm wt/wt)	100
PP1A7	ICP Standard Phosphorus H ₂ O 100µg/g	100µg/g (100ppm wt/wt)	100
PPB1A2	ICP Standard Lead 2-5% HNO ₃ 100µg/g	100µg/g (100ppm wt/wt)	100
PPD1A8	ICP Standard Palladium 10% HCl 100µg/g	100µg/g (100ppm wt/wt)	100
PPR1A2	ICP Standard Praseodymium 2-5% HNO ₃ 100µg/g	100µg/g (100ppm wt/wt)	100
PPT1A8	ICP Standard Platinum 10% HCl 100µg/g	100µg/g (100ppm wt/wt)	100
PRB1A2	ICP Standard Rubidium 2-5% HNO ₃ 100µg/g	100µg/g (100ppm wt/wt)	100
PRE1A7	ICP Standard Rhenium H ₂ O 100µg/g	100µg/g (100ppm wt/wt)	100
PRH1A8	ICP Standard Rhodium 10% HCl 100µg/g	100µg/g (100ppm wt/wt)	100
PRU1A8	ICP Standard Ruthenium 10% HCl 100µg/g	100µg/g (100ppm wt/wt)	100
PS1A7	ICP Standard Sulphur H ₂ O 100µg/g	100µg/g (100ppm wt/wt)	100
PSB1A4	ICP Standard Antimony + tr HNO ₃ 100µg/g	100µg/g (100ppm wt/wt)	100
PSC1A2	ICP Standard Scandium 2-5% HNO ₃ 100µg/g	100µg/g (100ppm wt/wt)	100
PSE1A2	ICP Standard Selenium 2-5% HNO ₃ 100µg/g	100µg/g (100ppm wt/wt)	100
PSI1A9	ICP Standard Silicon H ₂ O/tr HF 100µg/g	100µg/g (100ppm wt/wt)	100
PSM1A2	ICP Standard Samarium 2-5% HNO ₃ 100µg/g	100µg/g (100ppm wt/wt)	100

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PSN1A5	ICP Standard Tin 20% HCL/1% HF in Teflon 100µg/g	100µg/g (100ppm wt/wt)	100
PSR1A2	ICP Standard Strontium 2-5% HNO3 100µg/g	100µg/g (100ppm wt/wt)	100
PTA1A9	ICP Standard Tantalum H2O/tr HF 100µg/g	100µg/g (100ppm wt/wt)	100
PTB1A2	ICP Standard Terbium 2-5% HNO3 100µg/g	100µg/g (100ppm wt/wt)	100
PTE1A10	ICP Standard Tellurium 5% HNO3 100µg/g	100µg/g (100ppm wt/wt)	100
PTH1A2	ICP Standard Thorium 2-5% HNO3 100µg/g	100µg/g (100ppm wt/wt)	100
PTI1A2	ICP Standard Thallium 2-5% HNO3 100µg/g	100µg/g (100ppm wt/wt)	100
PTI1A9	ICP Standard Titanium H2O/tr HF 100µg/g	100µg/g (100ppm wt/wt)	100
PTM1A2	ICP Standard Thulium 2-5% HNO3 100µg/g	100µg/g (100ppm wt/wt)	100
PU1A2	ICP Standard Uranium 2-5% HNO3 100µg/g	100µg/g (100ppm wt/wt)	100
PV1A19	ICP Standard Vanadium 2% HNO3 100µg/g	100µg/g (100ppm wt/wt)	100
PW1A7	ICP Standard Tungsten H2O 100µg/g	100µg/g (100ppm wt/wt)	100
PY1A2	ICP Standard Yttrium 2-5% HNO3 100µg/g	100µg/g (100ppm wt/wt)	100
PYB1A2	ICP Standard Ytterbium 2-5% HNO3 100µg/g	100µg/g (100ppm wt/wt)	100
PZN1A2	ICP Standard Zinc 2-5% HNO3 100µg/g	100µg/g (100ppm wt/wt)	100
PZR1A2	ICP Standard Zirconium 2-5% HNO3 100µg/g	100µg/g (100ppm wt/wt)	100

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