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DISCOVER THE NEW GRADE SUPERPURE

PRODUCT HIGHLIGHT



Ultra-Low Elemental Impurities



Critical for Trace Analysis



Instrumental Versatility



Quality Assurance

We currently offer the following package : Plastic bottle 1 Litre

Nitric Acid 70%, Superpure

SP1137

HNO ₃	FW. 63.01	Density 1 L	= 1.41	Kg.
CAS-No.	7697-37-2	Melting Point	- 41	°C
Code	SP1137	Boiling Point	119.9	°C

Specifications

Assay (by acidimetry)	69.0 – 70.0%	Indium (In)	0.1	ppb max.
Appearance	Passes test	Iron (Fe)	15	ppb max.
Color (APHA)	7 max.	Lead (Pb)	0.3	ppb max.
Residue after Ignition	1 ppm max.	Lithium (Li)	0.1	ppb max.
Chloride (Cl)	0.08 ppm max.	Magnesium (Mg)	5	ppb max.
Phosphate (PO ₄)	0.1 ppm max.	Manganese (Mn)	0.1	ppb max.
Sulfate (SO ₄)	0.2 ppm max.	Mercury (Hg)	0.1	ppb max.
Silicate (as Si)	0.1 ppm max.	Molybdenum (Mo)	0.5	ppb max.
Aluminium (Al)	5 ppb max.	Nickel (Ni)	0.5	ppb max.
Antimony (Sb)	0.5 ppb max.	Niobium (Nb)	0.1	ppb max.
Arsenic (As)	0.5 ppb max.	Platinum (Pt)	0.5	ppb max.
Barium (Ba)	0.3 ppb max.	Potassium (K)	5	ppb max.
Beryllium (Be)	0.1 ppb max.	Silver (Ag)	1	ppb max.
Bismuth (Bi)	0.2 ppb max.	Sodium (Na)	10	ppb max.
Boron (B)	2 ppb max.	Strontium (Sr)	0.1	ppb max.
Cadmium (Cd)	0.5 ppb max.	Thallium (Tl)	0.1	ppb max.
Calcium (Ca)	15 ppb max.	Tin (Sn)	0.5	ppb max.
Chromium (Cr)	10 ppb max.	Titanium (Ti)	0.5	ppb max.
Cobalt (Co)	1 ppb max.	Vanadium (V)	0.5	ppb max.
Copper (Cu)	0.5 ppb max.	Zinc (Zn)	1	ppb max.
Gallium (Ga)	0.1 ppb max.	Zirconium (Zr)	0.1	ppb max.
Germanium (Ge)	0.1 ppb max.	Particle/ml :		
Gold (Au)	0.1 ppb max.	0.5 µm and greater	64	max.