

Product Specification

Strontium ICP Standard, 1000 ppm Sr in 3% HNO₃

Lot Number: SAMPLE

Product Number: MSSR1KN

Manufacture Date: N/A

Expiration Date: N/A

Name	CAS#	Grade
Water	7732-18-5	ACS/ASTM/USP/EP
Nitric Acid	7697-37-2	Trace Metals
Strontium Nitrate	10042-76-9	High Purity

Test	Specification	Result	NIST SRM#
Appearance	Colorless liquid	N/A	
Strontium (Sr)	995-1005 ppm	N/A	3153

Trace Elements by ICP or ICP - MS

I=Spectral Interference N=Not Tested

All values reported in mg/L (ppm)

Aluminum (Al)	N/A	Manganese (Mn)	N/A	Tungsten (W)	N/A
Antimony (Sb)	N/A	Mercury (Hg)	N/A	Uranium (U)	N/A
Arsenic (As)	N/A	Molybdenum (Mo)	N/A	Vanadium (V)	N/A
Barium (Ba)	N/A	Neodymium (Nd)	N/A	Ytterbium (Yb)	N/A
Beryllium (Be)	N/A	Nickel (Ni)	N/A	Yttrium (Y)	N/A
Bismuth (Bi)	N/A	Niobium (Nb)	N/A	Zinc (Zn)	N/A
Boron (B)	N/A	Osmium (Os)	N/A	Zirconium (Zr)	N/A
Cadmium (Cd)	N/A	Palladium (Pd)	N/A		
Calcium (Ca)	N/A	Phosphorus (P)	N/A		
Cerium (Ce)	N/A	Platinum (Pt)	N/A		
Cesium (Cs)	N/A	Potassium (K)	N/A		
Chromium (Cr)	N/A	Praseodymium (Pr)	N/A		
Cobalt (Co)	N/A	Rhenium (Re)	N/A		
Copper (Cu)	N/A	Rhodium (Rh)	N/A		
Dysprosium (Dy)	N/A	Rubidium (Rb)	N/A		
Erbium (Er)	N/A	Ruthenium (Ru)	N/A		
Europium (Eu)	N/A	Samarium (Sm)	N/A		
Gadolinium (Gd)	N/A	Scandium (Sc)	N/A		
Gallium (Ga)	N/A	Selenium (Se)	N/A		
Germanium (Ge)	N/A	Silicon (Si)	N/A		
Gold (Au)	N/A	Silver (Ag)	N/A		
Hafnium (Hf)	N/A	Sodium (Na)	N/A		
Holmium (Ho)	N/A	Sulfur (S)	N/A		
Indium (In)	N/A	Tantalum (Ta)	N/A		
Iridium (Ir)	N/A	Tellurium (Te)	N/A		
Iron (Fe)	N/A	Terbium (Tb)	N/A		
Lanthanum (La)	N/A	Thallium (Tl)	N/A		
Lead (Pb)	N/A	Thorium (Th)	N/A		
Lithium (Li)	N/A	Thulium (Tm)	N/A		
Lutetium (Lu)	N/A	Tin (Sn)	N/A		
Magnesium (Mg)	N/A	Titanium (Ti)	N/A		

This standard is guaranteed to be stable and accurate provided the product is kept tightly capped and stored under normal laboratory conditions. Balances are calibrated using NIST traceable weights whose verification of maintenance and recalibration is documented per in-house Standard Operating Procedures. Class A glassware is also calibrated and routinely rechecked per in-house Standard Operating Procedures. Trace metal analyzed acids and Trace Metals Analyzed Water are used in the manufacture of this product. Triple cleaned containers are used in the manufacture of this product.

Part Number	Size / Package Type	Shelf Life (Unopened Container)
MSSR1KN-100	100 mL natural LDPE	18 months

Recommended Storage: 15°C - 30°C (59°F - 86°F)

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