

Product Specification

Sulfur ICP Standard, 100 ppm S in H₂O

Lot Number: SAMPLE

Product Number: RPS01KW0

Manufacture Date: N/A

Expiration Date: N/A

Name	CAS#	Grade
Water	7732-18-5	ACS/ASTM/USP/EP
Ammonium Sulfate	7783-20-2	High Purity

Test	Specification	Result	NIST SRM#
Appearance	Colorless liquid	N/A	
Sulfur (S)	99-101 ppm	N/A	3154

Trace Elements by ICP or ICP - MS

I=Spectral Interference N=Not Tested

All values reported in mg/L (ppm)

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

Specification	Reference
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Sulfur ICP Standard, 1 mL = 1 mg S (1,000 ppm S) (NH4)2SO4 in H2O
EPA (200.7)

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)
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RPS01KW0-100N
100 mL natural LDPE
18 months

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

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