

Product Specification

Copper ICP Standard, 100 ppm Cu in dilute HNO₃

Lot Number: SAMPLE

Product Number: RPCU01KN

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
Copper	7440-50-8	High Purity

Test	Specification	Result
Appearance	Colorless to light blue liquid	N/A

Trace Elements by ICP or ICP - MS

I=Spectral Interference N=Not Tested

All values reported in mg/L (ppm)

Aluminum (Al)	N/A	Molybdenum (Mo)	N/A	Vanadium (V)	N/A
Antimony (Sb)	N/A	Neodymium (Nd)	N/A	Ytterbium (Yb)	N/A
Arsenic (As)	N/A	Nickel (Ni)	N/A	Yttrium (Y)	N/A
Barium (Ba)	N/A	Niobium (Nb)	N/A	Zinc (Zn)	N/A
Beryllium (Be)	N/A	Osmium (Os)	N/A	Zirconium (Zr)	N/A
Bismuth (Bi)	N/A	Palladium (Pd)	N/A		
Boron (B)	N/A	Phosphorus (P)	N/A		
Cadmium (Cd)	N/A	Platinum (Pt)	N/A		
Calcium (Ca)	N/A	Potassium (K)	N/A		
Cerium (Ce)	N/A	Praseodymium (Pr)	N/A		
Cesium (Cs)	N/A	Rhenium (Re)	N/A		
Chromium (Cr)	N/A	Rhodium (Rh)	N/A		
Cobalt (Co)	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	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		
Manganese (Mn)	N/A	Tungsten (W)	N/A		
Mercury (Hg)	N/A	Uranium (U)	N/A		

Specification	Reference	
Copper ICP Standard, 1 mL = 1 mg Cu (1,000 ppm Cu) Cu in 3% HNO3	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)
RPCU01KN-100N	100 mL natural LDPE	18 months

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

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