

Product Specification

Multielement ICP Standard, 5 elements @ 1,000 ppm in 5% HNO₃

Lot Number: SAMPLE**Product Number:** RPMX016N**Manufacture Date:** N/A**Expiration Date:** N/A

This is a multielement solution that was prepared gravimetrically to contain the elements and concentrations stated below. The uncertainty associated with the certified values is $\pm 0.5\%$ relative. The concentrations are confirmed by ICP or ICP-MS.

Matrix: 5% Nitric Acid

Name	CAS#	Grade
Water	7732-18-5	ACS/ASTM/USP/EP
Nitric Acid	7697-37-2	Trace Metals
Hydrofluoric Acid	7664-39-3	Trace Metals

Test	Specification	Result
Appearance	Green liquid	N/A

Analyte	Analysis (ppm)	Solute	CAS#	Grade	NIST SRM#
Antimony (Sb)	995-1005 ppm	Antimony Trioxide	1309-64-4	High Purity	3102
Zinc (Zn)	995-1005 ppm	Zinc	7440-66-6	High Purity	3168
Vanadium (V)	995-1005 ppm	Vanadium	7440-62-2	High Purity	3165
Copper (Cu)	995-1005 ppm	Copper	7440-50-8	High Purity	3114
Manganese (Mn)	995-1005 ppm	Manganese	7439-96-5	High Purity	3132

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)
RPMX016N-500N	500 mL natural poly	12 months

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

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