

Product Specification

Mixed ICP Standard, 100 ppm, in 3% HNO₃
As, Cd, Co, Cu, Ir, Pb, Hg, Mo, Ni, Pd, Pt, Rb, Ru, Se, V

Lot Number: SAMPLE

Product Number: RPMX191N

Manufacture Date: N/A

Expiration Date: N/A

Matrix: Nitric Acid

Name	CAS#	Grade
Water	7732-18-5	ACS/ASTM/USP/EP
Nitric Acid	7697-37-2	Trace Metals
Hydrochloric Acid	7647-01-0	Trace Metals
Hydrofluoric Acid	7664-39-3	Trace Metals

Test	Specification	Result
Appearance	Colorless liquid	N/A

Analyte	Analysis (ppm)	Solute	CAS#	Grade	NIST SRM#
Ruthenium (Ru)	99-101 ppm	Ruthenium (III) Chloride Hydrate	14898-67-0	High Purity	
Iridium (Ir)	99-101 ppm	Iridium (III) Chloride Trihydrate	13569-57-8	High Purity	
Rubidium (Rb)	99-101 ppm	Rubidium Nitrate	13126-12-0	High Purity	3145
Selenium (Se)	99-101 ppm	Selenium Dioxide	7446-08-4	High Purity	3149
Vanadium (V)	99-101 ppm	Vanadium	7440-62-2	High Purity	3165
Copper (Cu)	99-101 ppm	Copper	7440-50-8	High Purity	3114
Cobalt (Co)	99-101 ppm	Cobalt	7440-48-4	High Purity	3113
Cadmium (Cd)	99-101 ppm	Cadmium	7440-43-9	High Purity	3108
Arsenic (As)	99-101 ppm	Arsenic	7440-38-2	High Purity	3103
Platinum (Pt)	99-101 ppm	Platinum	7440-06-4	High Purity	3140
Palladium (Pd)	99-101 ppm	Palladium	7440-05-3	High Purity	3138
Nickel (Ni)	99-101 ppm	Nickel	7440-02-0	High Purity	3136
Molybdenum (Mo)	99-101 ppm	Molybdenum	7439-98-7	High Purity	3134
Mercury (Hg)	99-101 ppm	Mercury	7439-97-6	ACS	3133
Lead (Pb)	99-101 ppm	Lead	7439-92-1	High Purity	3128

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)
RPMX191N-100N	100 mL natural LDPE	12 months

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

This document is designed to comply with ISO Guide 31 "Reference Materials -- Contents of Certificates and Labels."

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