

Product Specification

Mixed ICP Standard
100 ppm
Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Mo,Na,Ni,Pb,Sb,Se,Sn,Sr,Ti,Tl,V,Zn
Lot Number: SAMPLE
Product Number: RPMX101N
Manufacture Date: N/A
Expiration Date: N/A
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	Light colored liquid	N/A

Analyte	Analysis (ppm)	Solute	CAS#	Grade	NIST SRM#
Aluminum (Al)	99-101 ppm	Aluminum Nitrate Nonahydrate	7784-27-2	High Purity	3101
Chromium (Cr)	99-101 ppm	Chromium Nitrate Nonahydrate	7789-02-8	High Purity	3112
Potassium (K)	99-101 ppm	Potassium Nitrate	7757-79-1	High Purity	3141
Calcium (Ca)	99-101 ppm	Calcium Carbonate	471-34-1	High Purity	3109
Strontium (Sr)	99-101 ppm	Strontium Nitrate	10042-76-9	High Purity	3153
Sodium (Na)	99-101 ppm	Sodium Carbonate	497-19-8	High Purity	3152
Barium (Ba)	99-101 ppm	Barium Nitrate	10022-31-8	High Purity	3104
Silver (Ag)	99-101 ppm	Silver Nitrate	7761-88-8	High Purity	3151
Antimony (Sb)	99-101 ppm	Antimony Trioxide	1309-64-4	High Purity	3102
Selenium (Se)	99-101 ppm	Selenium	7782-49-2	High Purity	3149
Zinc (Zn)	99-101 ppm	Zinc	7440-66-6	High Purity	3168
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
Beryllium (Be)	99-101 ppm	Beryllium	7440-41-7	High Purity	3105
Arsenic (As)	99-101 ppm	Arsenic	7440-38-2	High Purity	3103
Titanium (Ti)	99-101 ppm	Titanium	7440-32-6	High Purity	3162
Tin (Sn)	99-101 ppm	Tin	7440-31-5	High Purity	3161
Thallium (Tl)	99-101 ppm	Thallium	7440-28-0	High Purity	3158
Nickel (Ni)	99-101 ppm	Nickel	7440-02-0	High Purity	3136
Molybdenum (Mo)	99-101 ppm	Molybdenum	7439-98-7	High Purity	3134
Manganese (Mn)	99-101 ppm	Manganese	7439-96-5	High Purity	3132
Magnesium (Mg)	99-101 ppm	Magnesium	7439-95-4	High Purity	3131

Lead (Pb)	99-101 ppm	Lead	7439-92-1	High Purity	3128
Iron (Fe)	99-101 ppm	Iron	7439-89-6	High Purity	3126

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)
RPMX101N-100N	100 mL natural LDPE	12 months

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

This test report shall not be reproduced, except in full, without the written approval of Ricca Chemical Company.