

Product Specification

Mixed ICP Standard

1000 ppm Ca,Mg; 600 ppm Sr,K; 400 ppm Ba; 20 ppm Fe,Si; 4 ppm Mn; 2 ppm Zn; 1 ppm Pb

Lot Number: SAMPLE

Product Number: RPMX098N

Manufacture Date: N/A

Expiration Date: N/A

Matrix: 7% 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	Colorless liquid	N/A

Analyte	Analysis (ppm)	Solute	CAS#	Grade	NIST SRM#
Calcium (Ca)	990-1010 ppm	Calcium Carbonate	471-34-1	High Purity	3109
Strontium (Sr)	594-606 ppm	Strontium Nitrate	10042-76-9	High Purity	3153
Potassium (K)	594-606 ppm	Potassium Carbonate	584-08-7	High Purity	3141
Magnesium (Mg)	990-1010 ppm	Magnesium	7439-95-4	High Purity	3131
Barium (Ba)	396-404 ppm	Barium Nitrate	10022-31-8	High Purity	3104
Silicon (Si)	19.8-20.2 ppm	Silicon	7440-21-3	High Purity	3150
Iron (Fe)	19.8-20.2 ppm	Iron	7439-89-6	High Purity	3126
Manganese (Mn)	3.96-4.04 ppm	Manganese	7439-96-5	High Purity	3132
Zinc (Zn)	1.98-2.02 ppm	Zinc	7440-66-6	High Purity	3168
Lead (Pb)	0.99-1.01 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)
RPMX098N-1N	1 L natural poly	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.