RICCA CHEMICAL COMPANY®

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Product Specification

P7 Library Fit Solution
100 ppm Al, Sb,As, Pb, P, S, Tl / 10 ppm Cd, Fe, Mn Zn in 5% HNO_3

Lot Number: SAMPLE **Product Number:** RPMX092N

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
Ammonium Sulfate	7783-20-2	High Purity
Hydrofluoric Acid	7664-39-3	Trace Metals

Test	Specification	Result	NIST SRM#
Appearance	Colorless liquid	N/A	
Sulfur (S)	99-101 ppm	N/A	3154

Analyte	Analysis (ppm)	Solute	CAS#	Grade	NIST SRM#
Aluminum (Al)	99-101 ppm	Aluminum Nitrate Nonahydrate	7784-27-2	High Purity	3101
Phosphorus (P)	99-101 ppm	Ammonium Dihydrogen Phosphate	7722-76-1	High Purity	3139
Arsenic (As)	99-101 ppm	Arsenic Trioxide	1327-53-3	High Purity	3103
Antimony (Sb)	99-101 ppm	Antimony Trioxide	1309-64-4	High Purity	3102
Thallium (Tl)	99-101 ppm	Thallium	7440-28-0	High Purity	3158
Lead (Pb)	99-101 ppm	Lead	7439-92-1	High Purity	3128
Zinc (Zn)	9-11 ppm	Zinc	7440-66-6	High Purity	3168
Cadmium (Cd)	9-11 ppm	Cadmium	7440-43-9	High Purity	3108
Manganese (Mn)	9-11 ppm	Manganese	7439-96-5	High Purity	3132
Iron (Fe)	9-11 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)
RPMX092N-1N	1 L natural poly	12 months

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