RICCA CHEMICAL COMPANY®

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Product Specification

Mixed ICP Standard
500 ppm Na, 480 ppm SO_4, 250 ppm Ca, 25 ppm Mg, 150 ppm U, 10 ppm V in 5% HNO_3

Manufacture Date: N/A

Expiration Date: N/A

Lot Number: SAMPLE   **Product Number:** RPMX080N

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

Test	Specification	Result	NIST SRM#
Appearance	Colorless liquid	N/A	
Sulfur (S)	158-162 ppm	N/A	3154

Analyte	Analysis (ppm)	Solute	CAS#	Grade	NIST SRM#
Sodium (Na)	495-505 ppm	Sodium Carbonate	497-19-8	High Purity	3152
Calcium (Ca)	247-253 ppm	Calcium Carbonate	471-34-1	High Purity	3109
Uranium (U)	148-152 ppm	Uranium Oxide	1344-58-7	High Purity	3164
Magnesium (Mg)	24.7-25.3 ppm	Magnesium	7439-95-4	High Purity	3131
Vanadium (V)	9.9-10.1 ppm	Vanadium	7440-62-2	High Purity	3165

Volumetric glassware complies with Class A tolerance requirements of ASTM E 288 and NIST Circular 434; it is calibrated before first use and recalibrated regularly in accordance with ASTM E 542 and NIST Procedure NBSIR 74-461. Balances are calibrated regularly with weights certified traceable to the NIST national mass standard. Thermometers and temperature probes are calibrated before first use and recalibrated regularly with a thermometer traceable to NIST standards. All products are prepared according to master documents that assure manufacture according to validated methods. Batch records document raw material traceability and production and testing history for each lot manufactured.

Part Number	Size / Package Type	Shelf Life (Unopened Container)
RPMX080N-500N	500 mL natural poly	12 months

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