

Product Specification

Mixed ICP Standard, 500 ppm Ca, K, Mg, Ns, S, Si; 200 ppm Al

Lot Number: SAMPLE

Product Number: RPMX200N

Manufacture Date: N/A

Expiration Date: N/A

This is a multielement solution that was prepared volumetrically to contain the elements and concentrations stated below. The uncertainty associated with the certified values is $\pm 0.5\%$ or $\pm 1\%$ relative. The concentrations are confirmed by ICP or ICP-MS.

Matrix: HNO₃

Test	Specification	Result	NIST SRM#
Aluminum (Al)	190-210	N/A	3101
Appearance	Clear, Colorless liquid	N/A	
Calcium (Ca)	4950-5050	N/A	3109
Magnesium (Mg)	4950-5050	N/A	3131
Potassium (K)	4950-5050	N/A	3141
Silicon (Si)	4950-5050	N/A	3150
Sodium (Na)	4950-5050	N/A	3152
Sulfur (S)	4950-5050	N/A	3154

Analyte	Analysis (ppm)	Solute	CAS#	Grade	NIST SRM#
---------	----------------	--------	------	-------	-----------

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)
-------------	---------------------	---------------------------------

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.