

Product Specification

Mixed Calibration Standard 5, ICP

Lot Number: SAMPLE**Product Number:** RMXCL5**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 $\pm 0.5\%$ relative. The concentrations are confirmed by ICP or ICP-MS.

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	Colorless liquid	N/A

Analyte	Analysis (ppm)	Solute	CAS#	Grade	NIST SRM#
Magnesium (Mg)	995-1005 ppm	Magnesium	7439-95-4	High Purity	3131
Boron (B)	99.5-100.5 ppm	Ammonium Tetrafluoroborate	13826-83-0	High Purity	3107
Antimony (Sb)	199-201 ppm	Antimony Trioxide	1309-64-4	High Purity	3102
Thallium (Tl)	199-201 ppm	Thallium	7440-28-0	High Purity	3158
Silver (Ag)	49.7-50.3 ppm	Silver	7440-22-4	High Purity	3151

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)
RMXCL5-100	100 mL amber poly	12 months
RMXCL5-500	500 mL amber poly	12 months

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

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