

Product Specification

Mixed Calibration Standard 1, ICP

Lot Number: SAMPLE

Product Number: RMXCL1

Manufacture Date: N/A

Expiration Date: N/A

The certified values reported are the prepared values based upon the method of preparation of the material. The uncertainties in the prepared values are based upon the volumetric method of preparation.

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#
Lead (Pb)	495-505 ppm	Lead	7439-92-1	High Purity	3128
Selenium (Se)	198-202 ppm	Selenium	7782-49-2	High Purity	3149
Zinc (Zn)	148-152 ppm	Zinc	7440-66-6	High Purity	3168
Cadmium (Cd)	148-152 ppm	Cadmium	7440-43-9	High Purity	3108
Manganese (Mn)	99-101 ppm	Manganese	7439-96-5	High Purity	3132
Beryllium (Be)	49.5-50.5 ppm	Beryllium	7440-41-7	High Purity	3105

Specification	Reference
Mixed Calibration Std 1, ICP	EPA (SW-846) (6010)

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)
RMXCL1-100	100 mL natural LDPE	12 months

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

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