RICCA CHEMICAL COMPANY®

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Product Specification

Mercuric Nitrate, 0.141 Normal, 0.0705 Molar, 1 mg = 5 mL Cl^-

Lot Number: SAMPLE **Product Number:** 4740

Manufacture Date: N/A
Expiration Date: N/A

Name	CAS#	Grade
Water	7732-18-5	ACS/ASTM/USP/EP
Nitric Acid	7697-37-2	ACS
Mercuric Nitrate Monohydrate	7783-34-8	ACS

Test	Specification	Result	NIST SRM#
Appearance	Colorless liquid	N/A	
Assay (vs. Potassium Chloride/Diphenylcarbazone)	0.1409-0.1411 N at 20°C	N/A	999

Specification	Reference
Strong Standard Mercuric Nitrate Titrant, 0.0705 M (0.141 N)	APHA (4500-Cl- C)
Mercuric Nitrate Titrant (0.141 N)	EPA (325.3)

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)
4740-1	4 L amber glass	24 months
4740-16	500 mL amber glass	24 months
4740-32	1 L amber glass	24 months
4740-5	20 L Cubitainer®	24 months

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

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