RICCA CHEMICAL COMPANY®

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Product Specification

Hydrochloric Acid, 0.200 Normal (N/5) in Isopropyl Alcohol

Lot Number: SAMPLE **Product Number:** 3802

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

Name	CAS#	Grade
Isopropyl Alcohol	67-63-0	ACS
Water	7732-18-5	ACS
Hydrochloric Acid	7647-01-0	ACS

Test	Specification	Result	NIST SRM#
Appearance	Colorless liquid	N/A	
Assay (vs. Sodium Hydroxide/Phenolphthalein)	0.1995-0.2005 N at 20°C	N/A	84

Specification	Reference
Hydrochloric Acid Solution, Standard Alcoholic (0.2 mol/L)	ASTM (D 664)
Hydrochloric Acid, Standard Alcoholic (0.2 M)	ASTM (D 974)
Hydrochloric Acid, Standard Alcoholic Solution (0.2 N)	ASTM (D 3242)

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)
3802-1	4 L natural poly	12 months
3802-16	500 mL natural poly	12 months
3802-2.5	10 L Cubitainer®	12 months
3802-32	1 L natural poly	12 months
3802-5	20 L Cubitainer®	12 months

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

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