

# Product Specification

## Hydrochloric Acid, 6.00 Normal with Chloride Testing

**Lot Number:** SAMPLE**Product Number:** R3752000**Manufacture Date:** N/A**Expiration Date:** N/A

The Chloride assay is performed on a diluted sample (6 grams of this solution + 94 grams water) per customer specifications. The value reported below is the Chloride concentration of this diluted sample.

Name	CAS#	Grade
Water	7732-18-5	ACS/ASTM/USP/EP
Hydrochloric Acid	7647-01-0	ACS

Test	Specification	Result	NIST SRM#
Appearance	Colorless to slightly greenish-yellow liquid	N/A	
Assay (vs. Silver Nitrate/Potassium Chromate)	0.320-0.336 N at 20°C	N/A	999
Assay (vs. Sodium Hydroxide/Phenolphthalein)	5.99-6.01 N at 20°C	N/A	84

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)
R3752000-55E	55 gal poly drum	24 months

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

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