

# Product Specification

## Acid Alcohol, Strong, 5% (v/v) Hydrochloric Acid in 95% Denatured Alcohol

**Lot Number:** SAMPLE

**Product Number:** 260

**Manufacture Date:** N/A

**Expiration Date:** N/A

For In Vitro Diagnostic Use. The classical use for this product is for decolorization and differentiation of previously stained smears using various testing methodologies, particularly microbiology staining procedures.

Name	CAS#	Grade
Ethyl Alcohol	64-17-5	Reagent
Water	7732-18-5	ACS
Methyl Alcohol	67-56-1	Reagent
Hydrochloric Acid	7647-01-0	ACS

Test	Specification	Result	NIST SRM#
Appearance	Colorless liquid	N/A	
Assay (vs. Sodium Hydroxide/Phenolphthalein)	4.9-5.1 % (v/v)	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)
260-4	120 mL natural poly	18 months
260-32	1 L natural poly	18 months
260-1	4 L natural poly	18 months
260-16	500 mL natural poly	18 months

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

This Certificate of Analysis is designed to comply with ISO Guide 31 "Reference Materials -- Contents of Certificates and Labels."