RICCA CHEMICAL COMPANY®

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Certificate of Analysis

Acid Alcohol, Orth's Decolorizing Fluid, 3% HCl in 70% Alcohol

Lot Number: 26050397 **Product Number:** 250

Manufacture Date: MAY 08, 2026
Expiration Date: OCT 2027

For In Vitro Diagnostic Use. Suitable for stain decolorization and differentiation in a variety of staining procedures. May be suitable for other laboratory applications. Consult standard histology and pathology texts for detailed instructions.

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

Test	Specification	Result	NIST SRM#
Appearance	Colorless liquid	Passed	
Assay (vs. Sodium Hydroxide/Phenolphthalein)	2.9-3.1 % (v/v)	2.9 % (v/v)	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)
250-32	1 L natural poly	18 months

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

William Creese (05/08/2026)
Plant Manager

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