RICCA CHEMICAL COMPANY®

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Certificate of Analysis

Hydrogen Peroxide, 3% (w/w), Stabilized Reagent Grade

Lot Number: 16061486 **Product Number:** 3819

Manufacture Date: JUN 23, 2026
Expiration Date: DEC 2027

Acetanilide is added as a preservative.

Name	CAS#	Grade
Water	7732-18-5	ACS/ASTM/USP/EP
Hydrogen Peroxide	7722-84-1	ACS
Acetanilide	103-84-4	Reagent

Test	Specification	Result	NIST SRM#
Appearance	Colorless liquid	Passed	
Assay (vs. Potassium Permanganate)	3.2-3.4 % (w/w)	3.3 % (w/w)	8040

Specification	Reference
Dilute Hydrogen Peroxide Solution	APHA (7500-Ra C)
Hydrogen Peroxide (1+9)	ASTM (D 3454)

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)
3819-16	500 mL amber poly	18 months

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

Ernest Mahan (06/23/2026)
Plant Manager

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