

Product Specification

Hydrogen Peroxide, 35% (v/v)

Lot Number: SAMPLE**Product Number:** 3827**Manufacture Date:** N/A**Expiration Date:** N/A

This product contains 350 mL/L of 30% (w/w) Hydrogen Peroxide. The final concentration of pure Hydrogen Peroxide is approximately 10.5% (w/w) H₂O₂.

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

Test	Specification	Result	NIST SRM#
Appearance	Colorless liquid	N/A	
Assay (vs. Potassium Permanganate)	34.7-35.3 % (v/v)	N/A	40

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)
3827-15	15 gal (57 L) drum	18 months
3827-5HP	20 L Ropak™	18 months
3827-1	4 L vented poly	18 months
3827-55	55 gal drum	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."