

Certificate of Analysis

Acetate Buffer, pH 5.5**Lot Number:** 4403J65**Product Number:** R0065000**Manufacture Date:** MAR 15, 2024**Expiration Date:** MAR 2026

The Ammonium Hydroxide used to manufacture this product is completely converted to Ammonium Acetate, CAS No. 631-61-8, during the manufacturing process.

Name	CAS#	Grade
Acetic Acid	64-19-7	ACS
Water	7732-18-5	ACS/ASTM/USP/EP
Ammonium Hydroxide	1336-21-6	ACS

Test	Specification	Result	NIST SRM#
Appearance	Colorless liquid	Passed	
pH at 25°C (Method: SQCP027, SQCP033)	5.45-5.55	5.48	185i, 186-I-g, 186-II-g

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)
R0065000-4A	4 L natural poly	24 months

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

Paul Brandon (03/15/2024)

Production Manager

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

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