

Certificate of Analysis

Phosphate Buffer, pH 7, for Residual Chlorine and Chlorine Dioxide (Amperometric)

Lot Number: 1402B46

Product Number: 5803

Manufacture Date: FEB 13, 2024

Expiration Date: JAN 2026

Name	CAS#	Grade
Water	7732-18-5	ACS/ASTM/USP/EP
Sodium Phosphate Dibasic	7558-79-4	ACS
Potassium Dihydrogen Phosphate	7778-77-0	ACS

Test	Specification	Result	NIST SRM#
Appearance	Colorless liquid	Passed	
pH at 25°C (Method: SQCP027, SQCP033)	6.65-6.75	6.68	185i, 186-I-g, 186-II-g

Specification	Reference
Phosphate Buffer Solution, pH 7	APHA (4500-ClO ₂ C)
Phosphate Buffer Solution, pH 7	APHA (4500-Cl D)
Phosphate Buffer Solution, pH 7	APHA (4500-ClO ₂ E)

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)
5803-1	4 L natural poly	24 months

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



Heidi J Green (02/13/2024)

Operations Manager

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

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