RICCA CHEMICAL COMPANY®

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Certificate of Analysis

Buffer, Sodium Hypophosphite, pH 2.4, HPLC Mobile Phase for Analysis of Beverage Additives

Lot Number: 4311K96   **Product Number:** 1468   **Manufacture Date:** NOV 20, 2023

Expiration Date: NOV 2024

Name	CAS#	Grade
Water	7732-18-5	ACS/ASTM/USP/EP
Methyl Alcohol	67-56-1	HPLC
Isopropyl Alcohol	67-63-0	HPLC
Phosphoric Acid	7664-38-2	ACS
1-Pentanesulfonic Acid, Sodium Salt, Monohydrate	22767-49-3	HPLC
Sodium Hypophosphite Monohydrate	10039-56-2	Reagent

Test	Specification	Result	NIST SRM#
Absorbance at 214 nm	max 0.072 AU/cm	0.019 AU/cm	930
Absorbance at 254 nm	max 0.020 AU/cm	0.002 AU/cm	930
Appearance	Colorless liquid	Passed	
pH at 25°C (Method: SQCP027, SQCP033)	2.35-2.45	2.39	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)
1468-1	4 L amber glass	12 months

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

Paul Brandon

Paul Brandon (11/20/2023)
Production Manager
This document is designed to comply with ISO Guide 31 "Reference Materials -- Contents of Certificates and Labels."

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