

Product Specification

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

Lot Number: SAMPLE

Product Number: 1468

Manufacture Date: N/A

Expiration Date: N/A

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

Test	Specification	Result	NIST SRM#
Absorbance at 214 nm	max 0.072 AU/cm	N/A	930
Absorbance at 254 nm	max 0.020 AU/cm	N/A	930
Appearance	Colorless liquid	N/A	
pH at 25°C (Method: SQCP027, SQCP033)	2.35-2.45	N/A	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)

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

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