

Product Specification

Mobile Phase A: Sodium Phosphate Buffer (25 mM, pH 7.0), 75% / Acetonitrile, 25% (v/v)
Lot Number: SAMPLE

Product Number: 5181.5

Manufacture Date: N/A

Expiration Date: N/A

The pH reported below is for the solution before the addition of Acetonitrile.
This product is 0.2 micron filtered but is NOT certified as sterile.

Name	CAS#	Grade
Water	7732-18-5	ACS/ASTM/USP/EP
Acetonitrile	75-05-8	HPLC
Sodium Phosphate Dibasic	7558-79-4	ACS
Sodium Phosphate, Monobasic Monohydrate	10049-21-5	ACS

Test	Specification	Result	NIST SRM#
Appearance	Colorless liquid	N/A	
pH at 25°C (Method: SQCP027, SQCP033)	Actual Value Reported	N/A	186-I-g, 186-II-g, 191d
Specific Gravity	Actual Value Reported	N/A	

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)
5181.5-32	1 L amber glass	12 months
5181.5-4	120 mL 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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