

Product Specification

Phosphate Buffer, pH 7.12, High Ionic Strength

Lot Number: SAMPLE**Product Number:** R5803200**Manufacture Date:** N/A**Expiration Date:** N/A

The certified value for this product is confirmed in independent testing by a second qualified chemist.

Name	CAS#	Grade
Water	7732-18-5	ACS/ASTM/USP/EP
Sodium Chloride	7647-14-5	ACS
Sodium Phosphate Dibasic	7558-79-4	ACS
Potassium Phosphate, Dibasic	7758-11-4	ACS

Test	Specification	Result	NIST SRM#
Appearance	Colorless liquid	N/A	
pH at 25°C (Method: SQCP027, SQCP033)	7.110-7.130	N/A	185i, 186-I-g, 186-II-g
pH at 37°C	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)
R5803200-500A	500 mL natural poly	24 months

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

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