

Product Specification

Phosphate Buffer, 50mM/pH 8.0

Lot Number: SAMPLE

Product Number: R5812700

Manufacture Date: N/A

Recommended Retest Date: N/A

Name	CAS#	Grade
Water	7732-18-5	ACS/ASTM/USP/EP
Sodium Phosphate, Monobasic Monohydrate	10049-21-5	ACS
Sodium Hydroxide	1310-73-2	Reagent

Test	Specification	Result	NIST SRM#
Appearance	clear, colorless	N/A	
pH at 25°C (Method: SQCP027, SQCP033)	7.8-8.2	N/A	186-I-g, 186-II-g, 191d

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)
R5812700-1A	1 L natural poly	24 months
R5812700-250A	250 mL natural poly	24 months
R5812700-500A	500 mL natural poly	24 months

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