

Certificate of Analysis

Phosphate Buffer, pH 7, for Water Reaction in Aviation Fuel

Lot Number: 2404G85

Product Number: 5808.20

Manufacture Date: APR 18, 2024

Expiration Date: APR 2026

Name	CAS#	Grade
Water	7732-18-5	ACS/ASTM/USP/EP
Potassium Dihydrogen Phosphate	7778-77-0	ACS
Potassium Phosphate, Dibasic	7758-11-4	ACS

Test	Specification	Result	NIST SRM#
Appearance	Colorless liquid	Passed	
pH at 25°C (Method: SQCP027, SQCP033)	7.02-7.12	7.06	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)
5808.20-32	1 L natural poly	24 months
5808.20-5	20 L Cubitainer®	24 months

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



 Jose Pena (04/18/2024)
 Operations Manager

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