

Certificate of Analysis

Buffer Concentrate, 5x, pH 10.00 ± 0.01 at 25°C (Color Coded Blue)
To be diluted with 4 parts Water before use

Lot Number: 2302J71

Product Number: R1600510

Manufacture Date: FEB 22, 2023

Expiration Date: AUG 2024

Name	CAS#	Grade
Water	7732-18-5	ACS/ASTM/USP/EP
Potassium Chloride	7447-40-7	ACS
Boric Acid	10043-35-3	ACS
Sodium Hydroxide	1310-73-2	ACS
Blue Dye	Proprietary	

Test	Specification	Result	NIST SRM#
Appearance	Blue liquid	Passed	
pH at 25°C (Method: SQCP027, SQCP033)	9.990-10.010	10.009	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)
R1600510-20F	20 L Cubitainer®	18 months

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



Myrlande Gilles (02/22/2023)

Quality Control

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

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