RICCA CHEMICAL COMPANY®

Arlington, TX 76012
Pocomoke City, MD 21851
Batesville, IN 47006
http://www.riccachemical.com
1-888-GO-RICCA
customerservice@riccachemical.com

Product Specification

Bromothymol Blue Absorbance Standard, 23.2 µM in dilute buffer pH 8.0

Lot Number: SAMPLE **Product Number:** R1369000

Manufacture Date: N/A
Expiration Date: N/A

Name	CAS#	Grade
Water	7732-18-5	ACS/ASTM/USP/EP
Potassium Dihydrogen Phosphate	7778-77-0	ACS
Sodium Hydroxide	1310-73-2	ACS
Bromothymol Blue Sodium Salt	34722-90-2	ACS

Test	Specification	Result	NIST SRM#
Appearance	Blue liquid	N/A	
pH at 25°C (Method: SQCP027, SQCP033)	7.95-8.05	N/A	186-I-g, 186-II-g, 191d

Specification	Reference
Phosphate Buffer Solution	APHA (5210 B)

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)
R1369000-10F	10 L Cubitainer®	12 months

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

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