1490 Lammers Pike Batesville, IN 47006 http://www.riccachemical.com 1-888-GO-RICCA

customerservice@riccachemical.com

Certificate of Analysis

Bromophenol Blue TS, 0.1% (w/v) in dilute Alcohol

Lot Number: 4402C50 Product Number: 1357

Manufacture Date: FEB 02, 2024

Expiration Date: JAN 2026

Name	CAS#	Grade
Water	7732-18-5	ACS/ASTM/USP/EP
Ethyl Alcohol	64-17-5	Reagent
Methyl Alcohol	67-56-1	Reagent
Bromophenol Blue, Sodium Salt	62625-28-9	ACS

Test	Specification	Result
Appearance	blue liquid	Passed
Suitability for Use	Yellow (pH < 3.0) - Blue (pH >4.6)	Passed

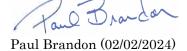
Specification	Reference
Bromophenol Blue Indicator Solution (0.1 g/100 mL)	ASTM (D 3866 A)
Bromphenol Blue Indicator Solution (1 g/L)	ASTM (D 3557 B)
Bromphenol Blue Indicator Solution (1 g/L)	ASTM (D 3558 B)
Bromphenol Blue Indicator Solution (1 g/L)	ASTM (D 1688 B)
Bromphenol Blue Indicator Solution (1 g/L)	ASTM (D 3559 B)
Bromphenol Blue Indicator Solution (1 g/L)	ASTM (D 1886 B)
Bromphenol Blue Indicator Solution (1 g/L)	ASTM (D 1691 B)
Bromophenol Blue Indicator Solution	EPA (218.3)
Bromphenol Blue Indicator Solution	EPA (SW-846) (7197)
Bromophenol Blue Indicator Solution	EPA (218.4)
Bromophenol Blue Indicator (1 g/liter)	EPA (METALS)
Bromphenol Blue Indicator Solution (1 g/L)	ASTM (D 3372)
Bromophenol Blue TS	USP (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)
1357-16	500 mL natural poly	24 months

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

Version: 1.3 Lot Number: 4402C50 Product Number: 1357 Page 1 of 2



Production Manager

This document is designed to comply with ISO Guide 31 "Reference Materials $^{\rm --}$ Contents of Certificates and Labels."

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