

# Product Specification

## Bromocresol Green-Methyl Red Mixed Indicator in Reagent Alcohol Roquette America Formulation

**Lot Number:** SAMPLE

**Product Number:** R1222000

**Manufacture Date:** N/A

**Expiration Date:** N/A

Reagent Alcohol consists of approximately 90% Ethyl Alcohol (CH<sub>3</sub>CH<sub>2</sub>OH, CAS No. 64-17-5), 5% Methyl Alcohol (CH<sub>3</sub>OH, CAS No. 67-56-1), and 5% Isopropyl Alcohol (CH<sub>3</sub>CHOHCH<sub>3</sub>, CAS No. 67-63-0).

Name	CAS#	Grade
Ethyl Alcohol	64-17-5	ACS
Isopropyl Alcohol	67-63-0	ACS
Methyl Alcohol	67-56-1	ACS
Methyl Red, Sodium Salt	845-10-3	ACS
Water	7732-18-5	ACS/ASTM/USP/EP
Bromocresol Green, Sodium Salt	62625-32-5	ACS
Hydrochloric Acid	7647-01-0	ACS

Test	Specification	Result
Appearance	Deep red liquid	N/A
Suitability for Use	Deep wine red (pH <4.5) -Green (pH 5.4), with Gray warning color	N/A

Specification	Reference
Mixed Bromocresol Green-Methyl Red Indicator Solution	APHA (2320 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)
R1222000-1A	1 L natural poly	12 months

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

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

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