

# Certificate of Analysis

## Diphenylcarbazone-Bromophenol Blue Mixed Indicator, for Chloride Determination

**Lot Number:** 4402L98

**Product Number:** 2610

**Manufacture Date:** FEB 21, 2024

**Expiration Date:** NOV 2024

Name	CAS#	Grade
Ethyl Alcohol	64-17-5	Reagent
Methyl Alcohol	67-56-1	Reagent
Diphenylcarbazide	140-22-7	ACS
Bromophenol Blue, Sodium Salt	62625-28-9	ACS
s-Diphenylcarbazone	538-62-5	ACS

Test	Specification	Result
Appearance	Deep red liquid	Passed
Suitability for Use	Yellow (excess Chloride & proper pH) - Purple (excess Mercury)	Passed

Specification	Reference
Mixed Indicator Solution	ASTM (D 512 A)
Mixed Indicator Reagent	APHA (4500-Cl- C)
Mixed Indicator Reagent	EPA (325.3)

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)
2610-16	500 mL amber glass	9 months
2610-32	1 L amber glass	9 months
2610-4	120 mL amber glass	9 months

**Recommended Storage:** 2°C - 8°C (36°F - 46°F)



Paul Brandon (02/21/2024)

Production Manager

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

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