

# Certificate of Analysis

## Chloride Color Reagent for Chloride Determination by the Automated Ferricyanide Method

**Lot Number:** 4404J22

**Product Number:** 1940

**Manufacture Date:** APR 17, 2024

**Expiration Date:** APR 2025

Precipitation is normal as this solution ages. Filter or decant before use.

Name	CAS#	Grade
Water	7732-18-5	ACS/ASTM/USP/EP
Methyl Alcohol	67-56-1	ACS
Nitric Acid	7697-37-2	ACS
Mercuric Thiocyanate	592-85-8	Reagent
Ferric Nitrate Nonahydrate	7782-61-8	ACS
Polyoxyethylene Lauryl Ether (Brij®)	9002-92-0	Purified

Test	Specification	Result
Appearance	Brown liquid	Passed
Sensitivity to Chloride	To Pass Test	Passed

Specification	Reference
Color Reagent	APHA (4500-Cl- E)
Color Reagent	EPA (SW-846) (9251)

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)
1940-1	4 L amber glass	12 months
1940-32	1 L amber glass	12 months

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



Paul Brandon (04/17/2024)

Production Manager

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

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