

Certificate of Analysis

**ORP Standard, +200 mV
 vs. Ag/AgCl (4M KCl sat. with AgCl filling solution)**

Lot Number: 1403H24

Product Number: 5464.5

Manufacture Date: MAR 15, 2024

Expiration Date: DEC 2024

Name	CAS#	Grade
Water	7732-18-5	ACS/ASTM/USP/EP
Potassium Chloride	7447-40-7	ACS
Potassium Ferrocyanide Trihydrate	14459-95-1	ACS
Potassium Ferricyanide	13746-66-2	ACS

Test	Specification	Result
Appearance	Yellow-green liquid	Passed
Oxidation-Reduction Potential (ORP)	190-210 mV at 25°C	196 mV at 25°C

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)
5464.5-16	500 mL amber glass	9 months
5464.5-32	1 L amber glass	9 months
5464.5-4	120 mL amber glass	9 months

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



Heidi J Green (03/15/2024)

Operations Manager

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

This test report shall not be reproduced, except in full, without the written approval of Ricca Chemical Company.