

# Certificate of Analysis

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

Lot Number: 4403K70

Product Number: 5464.5

Manufacture Date: MAR 19, 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	190 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)
5464.5-1	4 L amber glass	9 months
5464.5-16	500 mL amber glass	9 months
5464.5-4	120 mL amber glass	9 months
5464.5-5	20 L Cubitainer®	9 months

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



Paul Brandon (03/19/2024)

Production Manager

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

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