

Certificate of Analysis

ORP Standard, +400 mV
 vs. Ag/AgCl (4M KCl sat. with AgCl filling solution)

Lot Number: 1404G20

Product Number: R5464540

Manufacture Date: AUG 31, 2023

Expiration Date: APR 2025

Name	CAS#	Grade
Water	7732-18-5	ACS/ASTM/USP/EP
Ferric Ammonium Sulfate Dodecahydrate	7783-83-7	ACS
Ferrous Ammonium Sulfate Hexahydrate	7783-85-9	ACS
Sulfuric Acid	7664-93-9	ACS

Test	Specification	Result
Appearance	Green to yellowish tan liquid	Passed
Oxidation-Reduction Potential (ORP)	390-410 mV at 25°C	390 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)
R5464540-500C	500 mL amber glass	12 months

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



Heidi J Green (08/31/2023)

Operations Manager

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

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