

Certificate of Analysis

**ORP Standard, +600 mV
 vs. Ag/AgCl (4M KCl sat. with AgCl filling solution)**

Lot Number: 2307L99

Product Number: 5464.6

Manufacture Date: JUL 27, 2023

Expiration Date: JUL 2024

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

Test	Specification	Result
Appearance	Amber liquid	Passed
Oxidation-Reduction Potential (ORP)	590-610 mV at 25°C	596 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)
5464.6-1	4 L amber glass	12 months
5464.6-16	500 mL amber glass	12 months
5464.6-32	1 L amber glass	12 months
5464.6-4	120 mL amber glass	12 months

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



Sharon Travers (07/27/2023)

Operations Manager

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

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