

# Certificate of Analysis

Potassium Permanganate Standard, 89.1 mg/L, equivalent to 100 ppm Cl<sub>2</sub>

Lot Number: 1311F89

Product Number: 6354

Manufacture Date: NOV 16, 2023

Expiration Date: MAY 2024

This product is prepared volumetrically from a solution that is certified traceable to Sodium Oxalate, NIST Standard Reference Material 40h.

Name	CAS#	Grade
Water	7732-18-5	ACS/ASTM/USP/EP
Potassium Permanganate	7722-64-7	ACS

Test	Specification	Result
------	---------------	--------

Appearance Purple liquid Passed

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)
6354-16	500 mL amber glass	6 months
6354-32	1 L amber glass	6 months

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



Heidi J Green (11/16/2023)

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.