

Certificate of Analysis

Oxalic Acid, 10% (w/v)

Lot Number: 4402P47

Product Number: 5470

Manufacture Date: FEB 27, 2024

Expiration Date: FEB 2026

Name	CAS#	Grade
Water	7732-18-5	ACS/ASTM/USP/EP
Oxalic Acid Dihydrate	6153-56-6	ACS

Test	Specification	Result
Appearance	Colorless liquid	Passed
Assay (by Refractive Index)	9.5-10.5 % (w/v)	10.5 % (w/v)

Specification	Reference
Oxalic acid, 10%	TAPPI (T 618 cm-84)
Oxalic Acid Solution	APHA (425 C)
Oxalic Acid Solution	EPA (370.1)
Oxalic Acid Solution (100 g/L)	ASTM (D 859)

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)
5470-1	4 L natural poly	24 months
5470-16	500 mL natural poly	24 months
5470-32	1 L natural poly	24 months

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



Paul Brandon (02/27/2024)

Production 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.