

Certificate of Analysis

Potassium Dichromate, 0.100 Normal (N/10), 0.0167 Molar (M/60)

Lot Number: 4312E46

Product Number: 6060

Manufacture Date: DEC 14, 2023

Expiration Date: NOV 2025

Name	CAS#	Grade
Water	7732-18-5	ACS/ASTM/USP/EP
Potassium Dichromate	7778-50-9	ACS

Test	Specification	Result	NIST SRM#
Appearance	Orange liquid	Passed	
Assay (vs. Sodium Thiosulfate/Starch)	0.0999-0.1001 N at 20°C	0.1000 N at 20°C	136

Specification	Reference
Potassium Dichromate Solution	APHA (4500-C102 D)
Potassium Dichromate Solution	APHA (4500-C1 F)
Potassium Dichromate Solution	APHA (4500-C1 G)
Potassium Dichromate (0.1000 N)	EPA (330.4)
Potassium Dichromate Solution, Standard (0.1 N)	ASTM (D 3703)
Potassium Dichromate, Standard Solution (0.1 N)	ASTM (D 1832)
Potassium dichromate, 0.1 N	TAPPI (T 610 sp-97)
Potassium Dichromate, 0.1 N Volumetric Solution	ASTM (E 200)
Potassium Dichromate Solution (0.100 N)	ASTM (D 1291)
Potassium Dichromate, 0.1 Normal Volumetric Solution	ACS (N/A)
0.0167 M Potassium dichromate Volumetric Solution	EP (3004600)
Potassium Dichromate, Tenth-Normal (0.1 N) Volumetric Solution	USP (N/A)

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)
6060-1	4 L natural poly	24 months
6060-16	500 mL natural poly	24 months
6060-32	1 L natural poly	24 months

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



Paul Brandon (12/14/2023)

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.