

# Certificate of Analysis

**Potassium Biiodate, 0.0250 Normal, 0.002083 Molar**

**Lot Number:** 2404G20

**Product Number:** 5875

**Manufacture Date:** APR 16, 2024

**Expiration Date:** OCT 2025

Name	CAS#	Grade
Water	7732-18-5	ACS/ASTM/USP/EP
Potassium Bi-Iodate	13455-24-8	ACS

Test	Specification	Result	NIST SRM#
Appearance	Colorless liquid	Passed	
Assay (vs. Sodium Thiosulfate/Starch)	0.02499-0.02501 N at 20°C	0.02499 N at 20°C	136

Specification	Reference
Potassium Biiodate Solution (0.025 N)	ASTM (D 888 A)
Standard Potassium Bi-Iodate Solution, 0.0021 M	APHA (4500-O D)
Standard Potassium Bi-Iodate Solution, 0.0021 M	APHA (4500-O E)
Standard Potassium Bi-Iodate Solution, 0.0021 M	APHA (4500-O F)
Standard Potassium Bi-Iodate Solution, 0.0021 M	APHA (4500-O 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)
5875-16	500 mL amber glass	18 months
5875-32	1 L amber glass	18 months

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



Jose Pena (04/16/2024)

Operations Manager

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

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