

# Certificate of Analysis

Potassium Biiodate, 0.0282 Normal (0.00235 Molar), 1000 ppm as Cl<sub>2</sub>

Lot Number: 2307K21

Product Number: 5877

Manufacture Date: JUL 21, 2023

Expiration Date: JAN 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)	0.02819-0.02821 N at 20°C	0.02819 N at 20°C	136

Specification	Reference
Biiodate, Solution Standard (0.0282 N)	ASTM (D 1253)
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)
5877-32	1 L amber glass	18 months

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



Sharon Travers (07/21/2023)

Operations Manager

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

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