

# Certificate of Analysis

## Iodine-Bromine Solution, Hanus, for Iodine Absorption Number of Fats and Oils

Lot Number: 4403G87

Product Number: 4100

Manufacture Date: MAR 13, 2024

Expiration Date: MAR 2025

Name	CAS#	Grade
Acetic Acid	64-19-7	ACS
Iodine	7553-56-2	ACS
Bromine	7726-95-6	ACS

Test	Specification	Result
Appearance	Dark brown liquid	Passed
Iodine/Bromine Ratio	To Pass Test	Passed

Specification	Reference
Hanus Iodine Solution	AOAC (920.158)
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)
4100-32	1 L amber glass	12 months

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

Paul Brandon (03/13/2024)

Production Manager

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

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