

# Certificate of Analysis

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

**Lot Number:** 2401K47

**Product Number:** 4100

**Manufacture Date:** FEB 02, 2024

**Expiration Date:** JAN 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)
4100-16	500 mL amber glass	12 months
4100-32	1 L amber glass	12 months

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



Jose Pena (02/02/2024)

Operations Manager

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

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