

# Product Specification

## Potassium Iodide, 15% (w/v), Stabilized

**Lot Number:** SAMPLE

**Product Number:** 6305

**Manufacture Date:** N/A

**Expiration Date:** N/A

Name	CAS#	Grade
Water	7732-18-5	ACS/ASTM/USP/EP
Potassium Iodide	7681-11-0	ACS
Stabilizer	Proprietary	

Test	Specification	Result	NIST SRM#
Appearance	Colorless to light yellow liquid	N/A	
Assay (vs. Silver Nitrate/Eosin Y)	14.9-15.1 % (w/v)	N/A	999

Specification	Reference
Potassium Iodide Solution (150 g/L)	ASTM (D 2972 A)
Potassium Iodide Solution (150 g/L)	ASTM (D 2972 B)
Potassium Iodide Solution (150 g/L)	ASTM (D 2710)
Potassium Iodide Solution (150 g/L)	ASTM (D 1159)
Potassium Iodide Solution (15 g/100 mL)	ASTM (D 3697)

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)
6305-2.5	10 L Cubitainer®	18 months
6305-32	1 L amber poly	18 months
6305-5	20 L Cubitainer®	18 months
6305-1	4 L black poly	18 months
6305-16	500 mL amber poly	18 months

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

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