

# Product Specification

## Potassium Iodide, 5% (w/v), Stabilized

Lot Number: SAMPLE

Product Number: 6290

Manufacture Date: N/A

Expiration Date: N/A

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

Test	Specification	Result	NIST SRM#
Appearance	Colorless liquid	N/A	
Assay (vs. Silver Nitrate/Eosin Y)	4.90-5.10 % (w/v)	N/A	999

Specification	Reference
Potassium Iodide Solution	APHA (4500-ClO <sub>2</sub> C)
Potassium Iodide Solution	APHA (4500-Cl D)
Potassium Iodide Solution	EPA (330.1)
Potassium Iodide Solution (50 g/L)	ASTM (D 1291)
Potassium Iodide Solution (50 g/L)	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)
6290-2.5	10 L Cubitainer®	18 months
6290-32	1 L amber poly	18 months
6290-5	20 L Cubitainer®	18 months
6290-1	4 L black poly	18 months
6290-1CT	4 L Cubitainer®	18 months
6290-16	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."