RICCA CHEMICAL COMPANY®

Arlington, TX 76012
Pocomoke City, MD 21851
Batesville, IN 47006
http://www.riccachemical.com
1-888-GO-RICCA
customerservice@riccachemical.com

# Product Specification

## Potassium Iodide, 40% w/v

**Lot Number:** SAMPLE **Product Number:** R6315400

**Manufacture Date:** N/A
**Recommended Retest Date:** N/A

| Name | CAS# | Grade |
|---|---|---|
| Sodium Hydroxide | 1310-73-2 | Reagent |
| Water | 7732-18-5 | ACS/ASTM/USP/EP |
| Potassium Iodide | 7681-11-0 | ACS |

| Test | Specification | Result | NIST SRM# |
|---|---|---|---|
| Appearance | clear, colorless to light yellow | N/A | |
| Assay (vs. Silver Nitrate/Eosin Y) | 39.9-40.1 | N/A | 999 |

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) |
|---|---|---|
| R6315400-1B | 1 L amber poly | 18 months |
| R6315400-20F | 20 L Cubitainer® | 18 months |
| R6315400-4B | 4 L black poly | 18 months |

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

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

This test report shall not be reproduced, except in full, without the written approval of Ricca Chemical Company.