

# Product Specification

## Potassium Bromide, ACS Reagent Grade

Lot Number: SAMPLE

Product Number: RDCP0360

Date Packaged: N/A

Expiration Date: N/A

**Contains**

KBr CAS No. 7758-02-3 MW 119.00

| Test                        | Specification | Result |
|-----------------------------|---------------|--------|
| Assay                       | min 99.0 %    | N/A    |
| Barium (Ba)                 | max 0.002 %   | N/A    |
| Bromate (BrO <sub>3</sub> ) | max 0.001 %   | N/A    |
| Calcium (Ca)                | max 0.002 %   | N/A    |
| Chloride (Cl)               | max 0.2 %     | N/A    |
| Heavy Metals (as Pb)        | max 5 ppm     | N/A    |
| Insoluble Matter            | max 0.005 %   | N/A    |
| Iodate (IO <sub>3</sub> )   | max 0.001 %   | N/A    |
| Iodide (I)                  | max 0.001 %   | N/A    |
| Iron (Fe)                   | max 5 ppm     | N/A    |
| Magnesium (Mg)              | max 0.001 %   | N/A    |
| pH of 5% Solution           | 5.0-8.8       | N/A    |
| Sodium (Na)                 | max 0.02 %    | N/A    |
| Sulfate (SO <sub>4</sub> )  | max 0.005 %   | N/A    |

Balances are calibrated regularly with weights certified traceable to the NIST national mass standard. All products are prepared according to master documents that assure manufacture according to validated methods. Batch records document traceability and production history for each lot manufactured.

| Part Number    | Size / Package Type | Shelf Life (Unopened Container) |
|----------------|---------------------|---------------------------------|
| RDCP0360-100B1 | 100 g poly          | 84 months                       |
| RDCP0360-25A5  | 25 g natural poly   | 84 months                       |
| RDCP0360-500B1 | 500 g poly          | 84 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."