

# Product Specification

## Potassium Bromate RV, EP Primary Standard

**Lot Number:** SAMPLE

**Product Number:** 5879.4

**Date Packaged:** N/A

**Expiration Date:** N/A

This material is recrystallized from ACS Reagent Grade Potassium Bromate according to European Pharmacopoeia methodology to yield a high purity, primary standard quality material. Although this product is dried to constant mass as part of the manufacturing process, it may absorb water from the atmosphere, affecting its suitability for use as a primary standard. For this reason, it is recommended that this product be dried for 2 hours at 180°C and then cooled in a desiccator (preferably a vacuum desiccator) before use. This product may then be stored in a desiccator for up to 12 months without further oven drying.

### Contains

 $\text{KBrO}_3$  CAS No. 7732-18-5 MW 167.00

Test	Specification	Result
Appearance	Colorless/white solid	N/A

Specification	Reference
Potassium Bromate RV	EP (200300)

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)
5879.4-500	500 g poly	84 months

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



Katie Schnur  
Quality Control Manager

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