

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-03-04 13:15:47
Date of Next Testing: 2027-02-27 13:15:47
Product Name: **Potassium bromide**
CAS Number: 7758-02-3
Specifications & Purity: PureSpectra™, for infrared spectroscopy, ≥99.5%
Lot #: E2508332
SKU #: **P116276**
Version: **0**
Analysis #: **658786**
Storage Temperature: Protected from light, Room temperature, Argon charged, Desiccated, Cool

| Parameter | Limit Values | Result |
|---|--------------------------|--------------------------|
| Trace Metal Analysis by ICP and AA(Na,Rb,Ca,Al,Tl,Mn) | 0-10000 (ppm) | 32.00000 ppm |
| Br(Titration by AgNO3) | 66.5-67.8 (%) | 67.60000 % |
| Purity(Based On Trace Metals Analysis) | 99.5-100 (%) | 99.99680 % |
| Water by Karl Fischer | 0-1 (%) | 0.01000 % |
| Appearance (P116276) | White Powder or Crystals | White Powder or Crystals |
| Infrared spectrum(absorption) | Almost a straight line | Almost a straight line |
| Solubility,Colorless Clear ,5 g + 7.5 mL H2O | pass | Pass |
| X-Ray Diffraction | Conforms to Structure | Conforms to Structure |



John Su
QA & QC Manager