

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-03-07 09:42:32

Date of Next Testing: 2025-03-02 09:42:32

Product Name: **Potassium bromide**

CAS Number: 7758-02-3

Specifications & Purity: FT-IR grade, ≥99.5%

Lot #: B2428101

SKU #: **P116276****Analysis: 314597**

| Parameter | Limit Values | Result |
|---|--------------------------|--------------------------|
| Trace Metal Analysis by ICP and AA(Na,Rb,Ca,Al,Tl,Mn) | 0-10000 (ppm) | 172.32 ppm |
| Br(Titration by AgNO3) | 66.5-67.8 (%) | 67.19% |
| Purity(Based On Trace Metals Analysis) | 99.5-100 (%) | 99.98% |
| Water by Karl Fischer | 0-1 (%) | 0.12% |
| Appearance (P116276) | White Powder or Crystals | White Powder or Crystals |
| Solubility,Colorless Clear ,5 g + 7.5 mL H2O | pass | Pass |
| Infrared spectrum(absorption) | Almost a straight line | Almost a straight line |
| X-Ray Diffraction | Conforms to Structure | Conforms to Structure |

John Su
QA & QC Manager