

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-09-09 09:31:55

Date of Next Testing: 2027-09-04 09:31:55

Product Name: **Potassium bromide**

CAS Number: 7758-02-3

Grades & Purity: PureSpectra™, for infrared spectroscopy, ≥99.5%

Lot #: H2631611

SKU #: **P116276**

Version: **0**

Analysis #: **746954**

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)            | 1530.00000 ppm           |
| Br(Titration by AgNO <sub>3</sub> )                        | 66.5-67.8 (%)            | 67.07000 %               |
| Purity(Based On Trace Metals Analysis)                     | 99.5-100 (%)             | 99.84700 %               |
| Water by Karl Fischer                                      | 0-1 (%)                  | 0.68780 %                |
| Appearance (P116276)                                       | White Powder or Crystals | White Powder or Crystals |
| Solubility, Colorless Clear, 5 g + 7.5 mL H <sub>2</sub> O | pass                     | Pass                     |
| X-Ray Diffraction                                          | Conforms to Structure    | Conforms to Structure    |
| Infrared spectrum(absorption)                              | Almost a straight line   | Almost a straight line   |



John Su  
QA & QC Manager