

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-12-22 14:40:37

Date of Next Testing: 2026-12-17 14:40:37

Product Name: **Potassium bromide**

CAS Number: 7758-02-3

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

Lot #: C2514577

SKU #: **P116276**

Version: **0**

Analysis #: **623033**

| Parameter                                                 | Limit Values             | Result                   |
|-----------------------------------------------------------|--------------------------|--------------------------|
| Trace Metal Analysis by ICP and AA(Na,Rb,Ca,Al,Tl,Mn)     | 0-10000 (ppm)            | 694.00 ppm               |
| Br(Titration by AgNO <sub>3</sub> )                       | 66.5-67.8 (%)            | 67.24 %                  |
| Purity(Based On Trace Metals Analysis)                    | 99.5-100 (%)             | 99.93 %                  |
| Water by Karl Fischer                                     | 0-1 (%)                  | 0.01 %                   |
| 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 H <sub>2</sub> O | pass                     | Pass                     |
| X-Ray Diffraction                                         | Conforms to Structure    | Conforms to Structure    |



John Su  
QA & QC Manager