

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-12-19 10:42:29  
 Date of Next Testing: 2026-12-09 10:42:29  
 Product Name: **Potassium bromide**  
 CAS Number: 7758-02-3  
 Specifications & Purity: AR, ≥99%  
 Lot #: L2413600  
 SKU #: **P116270**  
 Version: **2**  
 Analysis #: **426656**  
 Storage Temperature: Protected from light, Room temperature, Argon charged, Desiccated, Cool

| Parameter                                | Limit Values                          | Result                                |
|------------------------------------------|---------------------------------------|---------------------------------------|
| Copper(Cu)                               | 0-0.0005 (%)                          | 0.00000 %                             |
| Zinc(Zn)                                 | 0-0.0005 (%)                          | 0.00000 %                             |
| Chloride (Cl-)                           | 0-0.2 (%)                             | 0.00620 %                             |
| Lead(Pb)                                 | 0-0.001 (%)                           | 0.00000 %                             |
| Sodium(Na)                               | 0-0.3 (%)                             | 0.28000 %                             |
| Barium(Ba)                               | 0-0.002 (%)                           | 0.00000 %                             |
| Magnesium(Mg)                            | 0-0.0005 (%)                          | 0.00000 %                             |
| Iron(Fe)                                 | 0-0.0005 (%)                          | 0.00000 %                             |
| Calcium(Ca)                              | 0-0.05 (%)                            | 0.00000 %                             |
| Aluminum(Al)                             | 0-0.0005 (%)                          | 0.00000 %                             |
| Phosphorus (P)                           | 0-0.0005 (%)                          | 0.00000 %                             |
| Insoluble matter                         | 0-0.005 (%)                           | 0.00000 %                             |
| Sulfate(SO42-)                           | 0-0.005 (%)                           | 0.00240 %                             |
| Purity(Titration by AgNO3)               | 99-100.5 (%)                          | 100.45000 %                           |
| Appearance (P116270)                     | White to Off-White Powder or Crystals | White to Off-White Powder or Crystals |
| Solubility, Colorless, Clear, 1 M in H2O | pass                                  | Pass                                  |
| X-Ray Diffraction                        | Conforms to Structure                 | Conforms to Structure                 |



QualityAssurance@aladdinsci.com

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A handwritten signature in black ink that reads "John Su".

John Su  
QA & QC Manager