

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-06-11 16:47:25  
Date of Next Testing: 2027-06-01 16:47:25  
Product Name: **Potassium bromide**  
CAS Number: 7758-02-3  
Specifications & Purity: ACS  
Lot #: F2504505  
SKU #: **P117629**  
Version: **1**  
Analysis #: **514267**  
Storage Temperature: Protected from light, Room temperature, Argon charged, Desiccated, Cool

| Parameter                         | Limit Values                         | Result                               |
|-----------------------------------|--------------------------------------|--------------------------------------|
| Iron(Fe)                          | 0-5 (ppm)                            | 0.00000 ppm                          |
| Magnesium(Mg)                     | 0-0.001 (%)                          | 0.00000 %                            |
| Heavy metal (as Pb)               | 0-5 (ppm)                            | 0.00000 ppm                          |
| Barium(Ba)                        | 0-0.002 (%)                          | 0.00000 %                            |
| Sodium(Na)                        | 0-0.02 (%)                           | 0.00770 %                            |
| PH at 25°C(5% in water)           | 5-8.8                                | 5.33000                              |
| Insoluble matter(c = 13.33%, H2O) | 0-0.005 (%)                          | 0.00000 %                            |
| Chloride (Cl-)                    | 0-0.2 (%)                            | 0.00000 %                            |
| Calcium(Ca)                       | 0-0.002 (%)                          | 0.00000 %                            |
| Sulfate(SO42-)                    | 0-0.005 (%)                          | 0.00000 %                            |
| (I)Iodide                         | 0-0.001 (%)                          | 0.00000 %                            |
| (BrO3)Bromate                     | 0-0.001 (%)                          | 0.00090 %                            |
| Iodate (IO3-)                     | 0-0.001 (%)                          | 0.00000 %                            |
| Purity(Titration by AgNO3)        | 99-101 (%)                           | 100.80000 %                          |
| Appearance (P117629)              | White Powder, Crystals and/or Chunks | White Powder, Crystals and/or Chunks |
| X-Ray Diffraction                 | Conforms to Structure                | Conforms to Structure                |



QualityAssurance@aladdinsci.com

---

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

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

John Su  
QA & QC Manager