

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-04-23 10:42:18

Date of Next Testing: 2026-04-13 10:42:18

Product Name: **Potassium bromate**

CAS Number: 7758-01-2

Specifications & Purity: Premium-Grade Reagents, ≥99.8%

Lot #: D2422265

SKU #: **P113266**

Version: **0**

Analysis #: **343124**

Storage Temperature: Room temperature

| Parameter                            | Limit Values                       | Result                             |
|--------------------------------------|------------------------------------|------------------------------------|
| PH(5% in water,25°C)                 | 5-7                                | 5.38000                            |
| Clarity test (#)                     | 0-2                                | 2.00000                            |
| Insoluble matter in H <sub>2</sub> O | 0-0.002 (%)                        | 0.00000 %                          |
| (Br)Bromide                          | 0-0.005 (%)                        | 0.00110 %                          |
| Loss on drying                       | 0-0.2 (%)                          | 0.00000 %                          |
| Sodium(Na)                           | 0-0.01 (%)                         | 0.00570 %                          |
| Sulfate(SO <sub>4</sub> 2-)          | 0-0.005 (%)                        | 0.00000 %                          |
| Iron(Fe)                             | 0-0.0005 (%)                       | 0.00000 %                          |
| Chloride and Bromide(As Cl-)         | 0-0.03 (%)                         | 0.00110 %                          |
| Total Nitrogen                       | 0-0.001 (%)                        | 0.00000 %                          |
| Heavy metal (as Pb)                  | 0-0.0005 (%)                       | 0.00000 %                          |
| Assay                                | 99.8-100 (%)                       | 99.82000 %                         |
| Appearance (P113266)                 | white crystalline powder or chunks | white crystalline powder or chunks |
| 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