

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-03-15 16:40:09

Date of Next Testing: 2024-03-04 16:40:09

Product Name: **Zinc bromide**

CAS Number: 7699-45-8

Specifications & Purity: 98%

Lot #: C2204043

SKU #: **Z104433****Analysis: 083616**

Storage Temperature: Desiccated

| Parameter | Limit Values | Result |
|----------------------|--|--|
| Assay | 98-100 (%) | 98.79% |
| Potassium(K) | 0-100 (ppm) | 50.00 ppm |
| Sodium(Na) | 0-100 (ppm) | 37.96 ppm |
| Sulfate(SO42-) | 0-200 (ppm) | 100.00 ppm |
| Iron(Fe) | 0-10 (ppm) | 2.10 ppm |
| Barium(Ba) | 0-10 (ppm) | 2.80 ppm |
| Magnesium(Mg) | 0-100 (ppm) | 50.00 ppm |
| (Pb)Lead | 0-50 (ppm) | 3.74 ppm |
| Calcium(Ca) | 0-100 (ppm) | 45.20 ppm |
| Appearance (Z104433) | White to off-white powder, needles and/or Chunks | White to off-white powder, needles and/or Chunks |
| X-Ray Diffraction | Conforms to Structure | Conforms to Structure |

John Su
QA & QC Manager