

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

| | |
|--------------------------|---|
| Date of Testing: | 2023-05-17 09:25:27 |
| Date of Next Testing: | 2026-05-16 09:25:27 |
| Product Name: | Mercury(II) bromide |
| CAS Number: | 7789-47-1 |
| Specifications & Purity: | puriss. p.a., ACS reagent, ≥99.0% (precipitation titration) |
| Lot #: | E23081367 |
| SKU # | M475682 |
| Version | 1 |
| Analysis #: | 215663 |
| Storage Temperature: | Protected from light |

| Parameter | Limit Values | Result |
|----------------------------------|---------------------------------------|---------------------------------------|
| Residue after reduction | 0-0.02 (%) | 0.00 % |
| Insoluble in MeOH | 0-0.05 (%) | 0.00 % |
| Calcium(Ca) | 0-10 (ppm) | 4.00 ppm |
| Cadmium(Cd) | 0-5 (ppm) | 0.00 ppm |
| Cobalt(Co) | 0-5 (ppm) | 0.00 ppm |
| Chromium(Cr) | 0-5 (ppm) | 0.00000 ppm |
| Copper(Cu) | 0-5 (ppm) | 0.00 ppm |
| Iron(Fe) | 0-5 (ppm) | 0.00 ppm |
| Potassium(K) | 0-50 (ppm) | 0.00 ppm |
| Magnesium(Mg) | 0-5 (ppm) | 0.00 ppm |
| Manganese(Mn) | 0-5 (ppm) | 0.00 ppm |
| Sodium(Na) | 0-50 (ppm) | 0.00 ppm |
| Nickel(Ni) | 0-5 (ppm) | 0.00 ppm |
| Lead(Pb) | 0-5 (ppm) | 0.00 ppm |
| Zinc(Zn) | 0-5 (ppm) | 0.00 ppm |
| Chloride (Cl-) | 0-2000 (ppm) | 198.00 ppm |
| Sulfate(SO42-) | 0-50 (ppm) | 0.00 ppm |
| Purity (Precipitation titration) | 98.5-101.5 (%) | 98.59 % |
| Appearance(M475682) | White to Off White Powder or Crystals | White to Off White Powder or Crystals |
| X-Ray Diffraction | Conforms to Structure | Conforms to Structure |



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A handwritten signature in black ink that reads "John Su". The signature is written in a cursive, flowing style.

John Su
QA & QC Manager