

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing:	2024-03-16 16:46:24
Date of Next Testing:	2027-03-16 16:46:24
Product Name:	<b>Mercury(II) bromide</b>
CAS Number:	7789-47-1
Specifications & Purity:	puriss. p.a., ACS reagent, ≥99.0% (precipitation titration)
Lot #:	C2413045
SKU #	<b>M475682</b>
Version	<b>1</b>
<b>Analysis #:</b>	<b>215663</b>
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".

John Su  
QA & QC Manager