

## Certificate of Analysis

Date of Testing: 2024-01-23 11:05:18

Date of Next Testing: 2026-01-12 11:05:18

Product Name: **Potassium bromide**

CAS Number: 7758-02-3

Specifications & Purity: ACS

Lot #: A2411722

SKU #: **P117629**

**Analysis: 047939**

Parameter	Limit Values	Result
Iron(Fe)	0-5 (ppm)	0.00 ppm
Magnesium(Mg)	0-0.001 (%)	0.00 %
Heavy metal (as Pb)	0-5 (ppm)	0.20 ppm
Barium(Ba)	0-0.002 (%)	0.00 %
PH at 25°C(5% in water)	5-8.8	7.37
(I)Iodide	0-0.001 (%)	0.00 %
(BrO3)Bromate	0-0.001 (%)	0.00 %
Iodate (IO3-)	0-0.001 (%)	0.00 %
Insoluble matter(c = 13.33%, H2O)	0-0.005 (%)	0.00 %
Chloride (Cl-)	0-0.2 (%)	0.04 %
Calcium(Ca)	0-0.002 (%)	0.00 %
Purity(Titration by AgNO3)	99-101 (%)	99.62 %
Sulfate(SO42-)	0-0.005 (%)	0.00 %
Sodium(Na)	0-0.02 (%)	0.02 %
Appearance (P117629)	White Powder, Crystals and/or Chunks	White Powder, Crystals and/or Chunks
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



ALADDIN SCIENTIFIC CORPORATION

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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