

Certificate of Analysis

Date of Testing: 2023-04-19 10:34:23

Date of Next Testing: 2025-04-08 10:34:23

Product Name: **Potassium bromide**

CAS Number: 7758-02-3

Specifications & Purity: ACS

Lot #: D2313975

SKU #: **P117629**

Analysis: 204348

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)	0.00 ppm
Barium(Ba)	0-0.002 (%)	0.00 %
Sodium(Na)	0-0.02 (%)	0.01 %
PH at 25°C(5% in water)	5-8.8	6.00
(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 (%)	0.18 %
Calcium(Ca)	0-0.002 (%)	0.00 %
Sulfate(SO42-)	0-0.005 (%)	0.00 %
Purity(Titration by AgNO3)	99-101 (%)	99.88 %
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

14078 Meridian Parkway, Riverside, CA. 92518

A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager