

Certificate of Analysis

Date of Testing:	2023-02-25 16:23:59
Date of Next Testing:	2026-02-24 16:23:59
Product Name:	Potassium bromide
CAS Number:	7758-02-3
Specifications & Purity:	anhydrous, ACS reagent, ≥99%
Lot #:	B2321658
SKU #	P433932
Version	1
Analysis #:	191895

Parameter	Limit Values	Result
Purity(Titration by AgNO ₃)	99-101 (%)	100.01 %
Magnesium(Mg)	0-0.001 (%)	0.00 %
Iron(Fe)	0-5 (ppm)	0.00 ppm
Heavy metals	0-5 (ppm)	2.00 ppm
Barium(Ba)	0-0.002 (%)	0.00 %
Sodium(Na)	0-0.02 (%)	0.01 %
PH(5% in water,25°C)	5.0-8.8	7.69
Iodide (I-)	0-0.001 (%)	0.00 %
(BrO ₃)Bromate	0-0.001 (%)	0.00 %
Iodate (IO ₃ -)	0-0.001 (%)	0.00 %
Insoluble matter(c=13.3%,H ₂ O)	0-0.005 (%)	0.00000 %
Chloride (Cl-)	0-0.2 (%)	0.14 %
Calcium(Ca)	0-0.002 (%)	0.00 %
Sulfate(SO ₄ ²⁻)	0-0.005 (%)	0.00 %
Appearance(P433932)	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