

Certificate of Analysis

Date of Testing:	2023-04-19 13:06:01
Date of Next Testing:	2025-04-08 13:06:01
Product Name:	Potassium bromide
CAS Number:	7758-02-3
Specifications & Purity:	reagent grade,99.0%
Lot #:	D23131028
SKU #	P116270
Analysis:	213651
Storage Temperature:	Argon charged

Parameter	Limit Values	Result
Copper(Cu)	0-0.0005 (%)	0.00 %
Zinc(Zn)	0-0.0005 (%)	0.00 %
Chloride (Cl-)	0-0.2 (%)	0.18 %
Lead(Pb)	0-0.001 (%)	0.00 %
Sodium(Na)	0-0.3 (%)	0.01 %
Barium(Ba)	0-0.002 (%)	0.00 %
Magnesium(Mg)	0-0.0005 (%)	0.00 %
Iron(Fe)	0-0.0005 (%)	0.00 %
Calcium(Ca)	0-0.05 (%)	0.00 %
Aluminum(Al)	0-0.0005 (%)	0.00 %
Phosphorus (P)	0-0.0005 (%)	0.00 %
Purity(Titration by AgNO3)	99-100.5 (%)	99.88 %
Ammonia (NH4)	0-0.05 (%)	0.02 %
Insoluble matter	0-0.005 (%)	0.00 %
Sulfate(SO42-)	0-0.005 (%)	0.00 %
Appearance (P116270)	White to Off-White Powder or Crystals	White to Off-White Powder or Crystals
Solubility,Colorless, Clear,1 M in H2O	pass	Pass
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