

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing:	2024-07-25 17:54:01
Date of Next Testing:	2027-07-25 17:54:01
Product Name:	<b>Potassium bromide</b>
CAS Number:	7758-02-3
Specifications & Purity:	Ultra pure biological reagent grade, ≥99.5%(AT)
Lot #:	G2419598
SKU #	<b>P433930</b>
Version	<b>1</b>
<b>Analysis #:</b>	<b>386093</b>
Storage Temperature:	Argon charged

Parameter	Limit Values	Result
loss on Ignition	0-0.5 (%)	0.20 %
Aluminium(Al)	0-5 (ppm)	4.00000 ppm
Barium(Ba)	0-5 (ppm)	3.00 ppm
Bismuth(Bi)	0-5 (ppm)	3.00 ppm
Calcium(Ca)	0-10 (ppm)	3.00 ppm
Cadmium(Cd)	0-5 (ppm)	1.30 ppm
Cobalt(Co)	0-5 (ppm)	2.30 ppm
Chromium(Cr)	0-5 (ppm)	2.10 ppm
Copper(Cu)	0-5 (ppm)	1.50 ppm
Iron(Fe)	0-5 (ppm)	0.50 ppm
Lithium(Li)	0-5 (ppm)	2.30 ppm
Magnesium(Mg)	0-5 (ppm)	3.00 ppm
Manganese(Mn)	0-5 (ppm)	2.90 ppm
Molybdenum(Mo)	0-5 (ppm)	2.60 ppm
Sodium(Na)	0-200 (ppm)	10.00 ppm
Nickel(Ni)	0-5 (ppm)	2.00 ppm
Lead(Pb)	0-5 (ppm)	2.10 ppm
Strontium(Sr)	0-5 (ppm)	1.50 ppm
Zinc(Zn)	0-5 (ppm)	2.10 ppm
Arsenic traces(MHS-AAS)	0-0.1 (ppm)	0.00 ppm
Chloride (Cl-)	0-1000 (ppm)	20.00 ppm
Iodide (I-)	0-10 (ppm)	2.00 ppm
Total Nitrogen	0-10 (ppm)	3.00 ppm
Sulfate(SO <sub>4</sub> )	0-50 (ppm)	13.00000 ppm
PH (1M water)	5.0-7.0	5.10000

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<b>Parameter</b>	<b>Limit Values</b>	<b>Result</b>
UV-ABS.at 260 nm	0-0.01	0.00000
UV-ABS.at 280 nm	0-0.01	0.00000
Purity(Argentometric Titration)	99.5-101 (%)	100.30000 %
Appearance(P433930)	Colorless or White Powder or Crystals	Colorless or White Powder or Crystals
Solubility(1M water)	Clear colorless	Clear Colorless
Residue (filter test)	no residue	no residue
X-Ray Diffraction	Conforms to Structure	Conforms to Structure

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

John Su  
QA & QC Manager