

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-09-03 18:53:05

Date of Next Testing: 2028-09-02 18:53:05

Product Name: **Potassium bromide**

CAS Number: 7758-02-3

Specifications & Purity: UltraBio™, ≥99.5%(AT)

Lot #: H2528623

SKU #: **P433930**

Version: **1**

Analysis #: **570030**

Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Purity(Argentometric Titration)	99.5-101 (%)	100.38000 %
loss on Ignition	0-0.5 (%)	0.01620 %
Aluminium(Al)	0-5 (ppm)	0.00000 ppm
Barium(Ba)	0-5 (ppm)	0.00000 ppm
Bismuth(Bi)	0-5 (ppm)	0.00000 ppm
Calcium(Ca)	0-10 (ppm)	0.00000 ppm
Cadmium(Cd)	0-5 (ppm)	0.00000 ppm
Cobalt(Co)	0-5 (ppm)	0.00000 ppm
Chromium(Cr)	0-5 (ppm)	0.00000 ppm
Copper(Cu)	0-5 (ppm)	0.00000 ppm
Iron(Fe)	0-5 (ppm)	0.00000 ppm
Lithium(Li)	0-5 (ppm)	0.00000 ppm
Magnesium(Mg)	0-5 (ppm)	0.00000 ppm
Manganese(Mn)	0-5 (ppm)	0.00000 ppm
Molybdenum(Mo)	0-5 (ppm)	0.00000 ppm
Sodium(Na)	0-200 (ppm)	175.19250 ppm
Nickel(Ni)	0-5 (ppm)	0.00000 ppm
Lead(Pb)	0-5 (ppm)	0.00000 ppm
Strontium(Sr)	0-5 (ppm)	0.00000 ppm
Zinc(Zn)	0-5 (ppm)	0.00000 ppm
Arsenic traces(MHS-AAS)	0-0.1 (ppm)	0.00000 ppm
Chloride (Cl-)	0-1000 (ppm)	0.00000 ppm
Iodide (I-)	0-10 (ppm)	0.00000 ppm
Total Nitrogen	0-10 (ppm)	8.00000 ppm
Sulfate(SO ₄)	0-50 (ppm)	0.00000 ppm

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Parameter	Limit Values	Result
PH (1M water)	5.0-7.0	6.84000
UV-ABS.at 260 nm	0-0.01	0.00600
UV-ABS.at 280 nm	0-0.01	0.00900
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