

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-03-07 10:09:33

Date of Next Testing: 2025-03-02 10:09:33

Product Name: **Potassium bromide**

CAS Number: 7758-02-3

Specifications &amp; Purity: FT-IR grade, ≥99.5%

Lot #: B2428100

SKU #: **P116276****Analysis: 314597**

Parameter	Limit Values	Result
Trace Metal Analysis by ICP and AA(Na,Rb,Ca,Al,Tl,Mn)	0-10000 (ppm)	172.32 ppm
Br(Titration by AgNO <sub>3</sub> )	66.5-67.8 (%)	67.19%
Purity(Based On Trace Metals Analysis)	99.5-100 (%)	99.98%
Water by Karl Fischer	0-1 (%)	0.12%
Appearance (P116276)	White Powder or Crystals	White Powder or Crystals
Solubility,Colorless Clear ,5 g + 7.5 mL H <sub>2</sub> O	pass	Pass
Infrared spectrum(absorption)	Almost a straight line	Almost a straight line
X-Ray Diffraction	Conforms to Structure	Conforms to Structure

John Su  
QA & QC Manager