

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-04-11 11:45:04

Date of Next Testing: 2025-04-06 11:45:04

Product Name: **Potassium bromide**

CAS Number: 7758-02-3

Specifications & Purity: FT-IR grade,  $\geq 99.5\%$ 

Lot #: C2430218

SKU #: **P116276****Analysis: 322899**

Parameter	Limit Values	Result
Trace Metal Analysis by ICP and AA(Na,Rb,Ca,Al,Tl,Mn)	0-10000 (ppm)	0.00 ppm
Br(Titration by AgNO <sub>3</sub> )	66.5-67.8 (%)	66.83 %
Purity(Based On Trace Metals Analysis)	99.5-100 (%)	100.00 %
Water by Karl Fischer	0-1 (%)	0.03 %
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