

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-08-07 16:34:43  
Date of Next Testing: 2026-08-02 16:34:43  
Product Name: **Potassium bromide**  
CAS Number: 7758-02-3  
Specifications & Purity: PureSpectra™, for infrared spectroscopy, ≥99.5%  
Lot #: H2501465  
SKU #: **P116276**  
Version: **0**  
Analysis #: **544312**  
Storage Temperature: Protected from light, Room temperature, Argon charged, Desiccated, Cool

Parameter	Limit Values	Result
Trace Metal Analysis by ICP and AA(Na,Rb,Ca,Al,Tl,Mn)	0-10000 (ppm)	72.00000 ppm
Br(Titration by AgNO3)	66.5-67.8 (%)	66.98000 %
Purity(Based On Trace Metals Analysis)	99.5-100 (%)	99.99280 %
Water by Karl Fischer	0-1 (%)	0.09160 %
Appearance (P116276)	White Powder or Crystals	White Powder or Crystals
Solubility, Colorless Clear ,5 g + 7.5 mL H2O	pass	Pass
X-Ray Diffraction	Conforms to Structure	Conforms to Structure
Infrared spectrum(absorption)	Almost a straight line	Almost a straight line



John Su  
QA & QC Manager