

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-05-16 10:19:18

Date of Next Testing: 2026-05-11 10:19:18

Product Name: **Potassium bromide**

CAS Number: 7758-02-3

Specifications & Purity: PureSpectra™, for infrared spectroscopy, ≥99.5%

Lot #: E2508325

SKU #: **P116276**

Version: **0**

Analysis #: **491199**

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)	31.99160 ppm
Br(Titration by AgNO3)	66.5-67.8 (%)	67.65000 %
Purity(Based On Trace Metals Analysis)	99.5-100 (%)	99.99680 %
Water by Karl Fischer	0-1 (%)	0.01010 %
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