

Certificate of Analysis

Date of Testing: 2025-01-08 11:42:50

Date of Next Testing: 2026-01-03 11:42:50

Product Name: **Potassium bromide**

CAS Number: 7758-02-3

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

Lot #: A2503480

SKU #: **P116276**

Version: **0**

Analysis #: **383354**

Parameter	Limit Values	Result
Trace Metal Analysis by ICP and AA(Na,Rb,Ca,Al,Tl,Mn)	0-10000 (ppm)	204.48 ppm
Br(Titration by AgNO ₃)	66.5-67.8 (%)	66.74 %
Purity(Based On Trace Metals Analysis)	99.5-100 (%)	99.98 %
Water by Karl Fischer	0-1 (%)	0.13 %
Appearance (P116276)	White Powder or Crystals	White Powder or Crystals
Solubility,Colorless Clear ,5 g + 7.5 mL H ₂ O	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