

## Certificate of Analysis

Date of Testing: 2024-10-10 11:20:09  
Date of Next Testing: 2025-10-05 11:20:09  
Product Name: **Potassium bromide**  
CAS Number: 7758-02-3  
Specifications & Purity: PureSpectra™, for infrared spectroscopy, ≥99.5%  
Lot #: A2411718  
SKU #: **P116276**  
Version: **0**  
Analysis #: **416906**

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 AgNO3)	66.5-67.8 (%)	66.50 %
Purity(Based On Trace Metals Analysis)	99.5-100 (%)	100.00 %
Water by Karl Fischer	0-1 (%)	0.37 %
Appearance (P116276)	White Powder or Crystals	White Powder or Crystals
Infrared spectrum(absorption)	Almost a straight line	Almost a straight line
Solubility,Colorless Clear ,5 g + 7.5 mL H2O	pass	Pass
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager