

## Certificate of Analysis

Date of Testing: 2024-01-10 16:45:05  
Date of Next Testing: 2025-01-04 16:45:05  
Product Name: **Potassium bromide**  
CAS Number: 7758-02-3  
Specifications & Purity: FT-IR grade, ≥99.5%  
Lot #: C2329429  
SKU #: **P116276**  
Analysis: **312959**

Parameter	Limit Values	Result
Trace Metal Analysis by ICP and AA(Na,Rb,Ca,Al,Tl,Mn)	0-10000 (ppm)	144.00 ppm
Br(Titration by AgNO <sub>3</sub> )	66.5-67.8 (%)	67.10 %
Purity(Based On Trace Metals Analysis)	99.5-100 (%)	99.99 %
Water by Karl Fischer	0-1 (%)	0.85 %
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 H <sub>2</sub> O	pass	Pass
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager