

## Certificate of Analysis

Date of Testing: 2024-01-10 09:53:52

Date of Next Testing: 2025-01-04 09:53:52

Product Name: **Potassium bromide**

CAS Number: 7758-02-3

Specifications & Purity: FT-IR grade, ≥99.5%

Lot #: G2209305

SKU #: **P116276**

**Analysis: 312551**

Parameter	Limit Values	Result
Trace Metal Analysis by ICP and AA(Na,Rb,Ca,Al,Tl,Mn)	0-10000 (ppm)	40.00 ppm
Br(Titration by AgNO <sub>3</sub> )	66.5-67.8 (%)	67.14 %
Purity(Based On Trace Metals Analysis)	99.5-100 (%)	99.99 %
Water by Karl Fischer	0-1 (%)	0.80 %
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