

Certificate of Analysis

Date of Testing: 2024-08-06 11:09:42
Date of Next Testing: 2025-08-01 11:09:42
Product Name: **Potassium bromide**
CAS Number: 7758-02-3
Specifications & Purity: FT-IR grade, ≥99.5%
Lot #: A23311053
SKU #: **P116276**
Version: **0**
Analysis #: **395682**

Parameter	Limit Values	Result
Trace Metal Analysis by ICP and AA(Na,Rb,Ca,Al,Tl,Mn)	0-10000 (ppm)	70.00 ppm
Br(Titration by AgNO3)	66.5-67.8 (%)	67.20%
Purity(Based On Trace Metals Analysis)	99.5-100 (%)	99.99%
Water by Karl Fischer	0-1 (%)	0.21%
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