

Certificate of Analysis

Date of Testing: 2022-08-12 10:23:53
Date of Next Testing: 2023-08-07 10:23:53
Product Name: **Potassium bromide**
CAS Number: 7758-02-3
Specifications & Purity: FT-IR grade, ≥99.5%
Lot #: J2112260
SKU #: **P116276**
Analysis: **124313**

Parameter	Limit Values	Result
Trace Metal Analysis by ICP and AA(Na,Rb,Ca,Al,Tl,Mn)	0-10000 (ppm)	126.00 ppm
Br(Titration by AgNO ₃)	66.5-67.8 (%)	67.21 %
Purity(Based On Trace Metals Analysis)	99.5-100 (%)	99.99 %
Water by Karl Fischer	0-1 (%)	0.55 %
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 ₂ O	pass	Pass
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager