

Certificate of Analysis

Date of Testing: 2023-04-01 11:50:02

Date of Next Testing: 2024-03-26 11:50:02

Product Name: **Potassium bromide**

CAS Number: 7758-02-3

Specifications & Purity: FT-IR grade, $\geq 99.5\%$

Lot #: C2329443

SKU # **P116276**

Analysis: 177003

Parameter	Limit Values	Result
Trace Metal Analysis by ICP and AA(Na,Rb,Ca,Al,Tl,Mn)	0-10000 (ppm)	125.00 ppm
Br(Titration by AgNO ₃)	66.5-67.8 (%)	67.79%
Purity(Based On Trace Metals Analysis)	99.5-100 (%)	99.99%
Water by Karl Fischer	0-1 (%)	0.07%
Appearance (P116276)	White Powder or Crystals	White Powder or Crystals
Solubility,Colorless Clear ,5 g + 7.5 mL H ₂ O	pass	Pass
X-Ray Diffraction	Conforms to Structure	Conforms to Structure
Infrared spectrum(absorption)	Almost a straight line	Almost a straight line



John Su
QA & QC Manager