

Certificate of Analysis

Date of Testing: 2023-11-17 16:06:25
Date of Next Testing: 2024-11-11 16:06:25
Product Name: **Potassium bromide**
CAS Number: 7758-02-3
Specifications & Purity: FT-IR grade, $\geq 99.5\%$
Lot #: K2314408
SKU #: **P116276**
Analysis: **292979**

Parameter	Limit Values	Result
Trace Metal Analysis by ICP and AA(Na,Rb,Ca,Al,Tl,Mn)	0-10000 (ppm)	36.25 ppm
Br(Titration by AgNO ₃)	66.5-67.8 (%)	67.02 %
Purity(Based On Trace Metals Analysis)	99.5-100 (%)	100.00 %
Water by Karl Fischer	0-1 (%)	0.12 %
Appearance (P116276)	White Powder or Crystals	White Powder or Crystals
Solubility,Colorless Clear ,5 g + 7.5 mL H ₂ O	pass	Pass
Infrared spectrum(absorption)	Almost a straight line	Almost a straight line
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager