

Certificate of Analysis

Date of Testing: 2022-04-25 12:46:54

Date of Next Testing: 2023-04-20 12:46:54

Product Name: **Potassium bromide**

CAS Number: 7758-02-3

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

Lot #: F2108225

SKU #: **P116276**Analysis: **087367**

Parameter	Limit Values	Result
Trace Metal Analysis by ICP and AA(Na,Rb,Ca,Al,Tl,Mn)	0-10000 (ppm)	191.00 ppm
Br(Titration by AgNO ₃)	66.5-67.8 (%)	67.49%
Purity(Based On Trace Metals Analysis)	99.5-100 (%)	99.90%
Water by Karl Fischer	0-1 (%)	0.32%
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