

Certificate of Analysis

Date of Testing: 2022-11-15 15:51:03
Date of Next Testing: 2023-11-10 15:51:03
Product Name: **Potassium bromide**
CAS Number: 7758-02-3
Specifications & Purity: FT-IR grade, $\geq 99.5\%$
Lot #: B2209394
SKU #: **P116276**
Analysis: **155679**

| Parameter | Limit Values | Result |
|---|--------------------------|--------------------------|
| Trace Metal Analysis by ICP and AA(Na,Rb,Ca,Al,Tl,Mn) | 0-10000 (ppm) | 58.85 ppm |
| Br(Titration by AgNO ₃) | 66.5-67.8 (%) | 66.95 % |
| Purity(Based On Trace Metals Analysis) | 99.5-100 (%) | 99.99 % |
| Water by Karl Fischer | 0-1 (%) | 0.63 % |
| 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