

Certificate of Analysis

Date of Testing: 2023-06-06 15:57:20
 Date of Next Testing: 2025-05-26 15:57:20
 Product Name: **Potassium iodide**
 CAS Number: 7681-11-0
 Specifications & Purity: Analytical Reagent, ≥99.0%
 Lot #: E23301150
 SKU #: **P116279**
Analysis: **235839**
 Storage Temperature: Argon charged

Parameter	Limit Values	Result
Barium(Ba)	0-0.002 (%)	0.00 %
Calcium(Ca)	0-0.002 (%)	0.00 %
Sodium(Na)	0-0.1 (%)	0.06 %
Sulfate(SO42-)	0-0.04 (%)	0.02 %
Iron(Fe)	0-3 (ppm)	1.22 ppm
Heavy metal (as Pb)	0-0.0005 (%)	0.00 %
Magnesium(Mg)	0-0.002 (%)	0.00 %
Phosphate(PO4)	0-0.002 (%)	0.00 %
Assay	98.5-100 (%)	99.95 %
Insoluble matter in H2O	0-0.01 (%)	0.01 %
Chloride and Bromide(As Cl-)	0-0.02 (%)	0.01 %
PH(5% in water, 25°C)	6-8	6.20
Arsenic(As)	0-0.2 (ppm)	0.00000 ppm
Appearance (P116279)	Colorless or White Powder or Crystals	Colorless or White Powder or Crystals
Iodate and iodine(IO3)	Pass	Pass
Reducing Substances	pass	Pass
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



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A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager