

Certificate of Analysis

Date of Testing:	2023-10-17 16:26:34
Date of Next Testing:	2025-10-06 16:26:34
Product Name:	Potassium iodide
CAS Number:	7681-11-0
Specifications & Purity:	ACS, ≥99.0%
Lot #:	J2313233
SKU #	P116283
Analysis:	286893
Storage Temperature:	Argon charged

Parameter	Limit Values	Result
PH at 25°C(5% in water)	6-9.2	8.17
Loss on drying	0-0.2 (%)	0.00 %
Barium(Ba)	0-0.002 (%)	0.00 %
Chloride and Bromide(As Cl-)	0-0.01 (%)	0.00 %
Insoluble matter in H2O	0-0.005 (%)	0.00 %
Sulfate(SO42-)	0-0.005 (%)	0.00 %
Calcium(Ca)	0-0.002 (µg/mg)	0.00 µg/mg
Phosphate(PO4)	0-0.001 (%)	0.00 %
Iron(Fe)	0-3 (ppm)	0.00 ppm
Iodate (IO3-)	0-0.0003 (%)	0.00 %
Sodium(Na)	0-0.005 (%)	0.00 %
Heavy metal (as Pb)	0-5 (ppm)	0.00 ppm
Purity(Titration by AgNO3)	98.5-101.5 (%)	99.51 %
Magnesium(Mg)	0-0.001 (%)	0.00 %
X-Ray Diffraction	Conforms to Structure	Conforms to Structure
Appearance(P116283)	White Crystals	White crystals



ALADDIN SCIENTIFIC CORPORATION

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

John Su
QA & QC Manager