

Certificate of Analysis

Date of Testing: 2024-12-09 12:25:25

Date of Next Testing: 2026-11-29 12:25:25

Product Name: **Potassium iodide**

CAS Number: 7681-11-0

Specifications & Purity: ACS, ≥99%

Lot #: L2406403

SKU #: **P116283**

Version: **2**

Analysis #: **441040**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Iron(Fe)	0-3 (ppm)	3.00 ppm
Heavy metal (as Pb)	0-5 (ppm)	5.00 ppm
Barium(Ba)	0-0.002 (%)	0.00 %
Sodium(Na)	0-0.005 (%)	0.01 %
Magnesium(Mg)	0-0.001 (%)	0.00 %
Chloride and Bromide(As Cl-)	0-0.01 (%)	0.01 %
Sulfate(SO42-)	0-0.005 (%)	0.00 %
Phosphate(PO4)	0-0.001 (%)	0.00 %
Iodate (IO3-)	0-0.0003 (%)	0.00 %
Purity(Titration by AgNO3)	98.5-101.5 (%)	99.90 %
PH at 25°C(5% in water)	6-9.2	7.20
Loss on drying	0-0.2 (%)	0.20 %
Insoluble matter in H2O	0-0.005 (%)	0.01 %
Calcium(Ca)	0-0.002 (%)	0.00 %
Appearance(P116283)	White Crystals	White crystals
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



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A handwritten signature in black ink that reads "John Su". The signature is written in a cursive, flowing style.

John Su
QA & QC Manager