

Certificate of Analysis

Date of Testing: 2025-01-09 18:56:34

Date of Next Testing: 2026-12-30 18:56:34

Product Name: **Potassium iodide**

CAS Number: 7681-11-0

Specifications & Purity: AR, ≥99%

Lot #: A2506430

SKU #: **P116279**

Version: **2**

Analysis #: **450292**

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 (%)	0.01 %
Sulfate(SO42-)	0-0.005 (%)	0.00 %
Iron(Fe)	0-3 (ppm)	0.00 ppm
Magnesium(Mg)	0-0.002 (%)	0.00 %
Phospate(PO4)	0-0.002 (%)	0.00 %
Insoluble matter in H2O	0-0.01 (%)	0.00 %
PH(5% in water,25°C)	6-8	6.25
Arsenic(As)	0-0.2 (ppm)	0.00000 ppm
Total nitrogen(N)	0-0.002 (%)	0.00150 %
Heavy metal (as Pb)	0-0.0005 (%)	0.00 %
Assay	98.5-100 (%)	99.48 %
Chloride and Bromide(As Cl-)	0-0.02 (%)	0.02 %
Clarity test (#)	0-3	2.00000
Appearance (P116279)	Colorless or White Powder or Crystals	Colorless or White Powder or Crystals
Reducing Substances	pass	Pass
Iodate and iodine(IO3)	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". The signature is written in a cursive, flowing style.

John Su
QA & QC Manager