

Certificate of Analysis

Date of Testing: 2022-03-11 16:13:53
 Date of Next Testing: 2024-02-29 16:13:53
 Product Name: **Potassium iodide**
 CAS Number: 7681-11-0
 Specifications & Purity: Analytical Reagent, ≥99.0%
 Lot #: C2205493
 SKU #: **P116279**
Analysis: **082208**
 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-)	0-0.04 (%)	0.02 %
Iron(Fe)	0-3 (ppm)	0.00 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 (%)	99.60 %
Insoluble matter in H2O	0-0.01 (%)	0.00 %
Chloride and Bromide(As Cl-)	0-0.02 (%)	0.00 %
(As)Arsenic	0-20 (%)	10.80 %
PH(5% in water, 25°C)	6-8	7.42
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". The signature is written in a cursive, flowing style.

John Su
QA & QC Manager