

Certificate of Analysis

Date of Testing:	2023-08-18 17:13:30
Date of Next Testing:	2025-08-07 17:13:30
Product Name:	Potassium iodide
CAS Number:	7681-11-0
Specifications & Purity:	Analytical Reagent, ≥99.0%
Lot #:	H2316051
SKU #	P116279
Analysis:	266295
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 (%)	0.00 %
Sulfate(SO42-)	0-0.04 (%)	0.00 %
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 (%)	99.51 %
Insoluble matter in H2O	0-0.01 (%)	0.00 %
Chloride and Bromide(As Cl-)	0-0.02 (%)	0.00 %
PH(5% in water, 25°C)	6-8	7.01
Arsenic(As)	0-0.2 (ppm)	0.00104 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



ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

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

John Su
QA & QC Manager