

Certificate of Analysis

Compound Information

Product Name:	Potassium iodide
Cat. No.:	1042580
CAS No.:	7681-11-0
Molecular Formula:	IK
Molecular Weight:	166.00
Chemical Structure:	



Batch Information

Batch No.:	Lg0915305608
Storage:	RT, protect from light, stored under nitrogen
Test Date:	2023-09-15
Retest Date:	2026-09-14
Origin:	Shanghai, China

QC Summary

QC Summary	Specification	Result
Appearance:	White to off-white (Solid)	White (Crystalline Powder)
Identification Experiment:	Identification Reaction of Potassium Salt and Iodide in Aqueous Solution	Qualified
Sulfate(SO ₄),ω/%:	≤0.04	0.004
Loss On Drying,ω/%:	≤1.0	0.15%
Clarity Test:	≤3	Qualified
Heavy Metals(as Pb),ppm:	≤10	0.0005
Arsenic(As),ω/%:	≤0.02	0.00002
Chloride(Cl),ω/%:	≤0.5	0.02
Water Insoluble Substance,ω/%:	≤0.01	0.01
Iodate:	Qualified	0.002
Barium(Ba):	Qualified	0.002
Assay,ω/%:	≥99.0	99.30
Conclusion:	The product has been tested and complies with the given specifications.	

Caution: Research use only and are not intended for human use.

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