

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.:	Lg0206199921
Storage:	RT, protect from light, stored under nitrogen
Mfg. Date:	2023-02-06
Retest Date:	2026-02-05
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	positive
Sulfate(SO ₄), ω/%:	≤0.04	0.04
Loss On Drying, ω/%:	≤1.0	0.04
Clarity Test:	≤3	3
Heavy Metals(as Pb), ppm:	≤10	10
Arsenic(As), ω/%:	≤0.02	0.02
Chloride(Cl), ω/%:	≤0.5	0.5
Water Insoluble Substance, ω/%:	≤0.01	0.003
Iodate:	Qualified	qualified
Barium(Ba):	Qualified	qualified
Assay, ω/%:	≥99.0	99.2
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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