

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.:	Lg0615263417
Storage:	RT, protect from light, stored under nitrogen
Test Date:	2023-06-15
Retest Date:	2026-06-14
Origin:	Shanghai, China

QC Summary

QC Summary	Specification	Result
Appearance:	White to off-white (Solid)	White (Crystalline Powder)
Assay, $\omega/\%$:	≥ 99.0	99.15
Identification Experiment:	Identification Reaction of Potassium Salt and Iodide in Aqueous Solution	qualified
Clarity Test:	≤ 3	qualified
Water Insoluble Substance, $\omega/\%$:	≤ 0.01	qualified
Barium(Ba):	Qualified	qualified
Arsenic(As), $\omega/\%$:	≤ 0.02	qualified
Heavy Metals(as Pb), ppm:	≤ 10	qualified
Iodate:	Qualified	qualified
Chloride(Cl), $\omega/\%$:	≤ 0.5	qualified
Loss On Drying, $\omega/\%$:	≤ 1.0	qualified
Sulfate(SO ₄), $\omega/\%$:	≤ 0.04	qualified
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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