

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.:	Lg1104330829
Storage:	RT, protect from light, stored under nitrogen
Test Date:	2023-11-04
Retest Date:	2026-11-03
Origin:	Shanghai, China

QC Summary

QC Summary	Specification	Result
Appearance:	White to off-white (Solid)	White (Crystalline Powder)
Assay, $\omega/\%$:	≥ 99.0	99.0
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	< 0.0002
Heavy Metals(as Pb), ppm:	≤ 10	< 0.001
Iodate:	Qualified	Qualified
Chloride(Cl), $\omega/\%$:	≤ 0.5	< 0.5
Loss On Drying, $\omega/\%$:	≤ 1.0	< 0.6
Sulfate(SO ₄), $\omega/\%$:	≤ 0.04	< 0.04
Conclusion:	The product has been tested and complies with the given specifications.	

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

Tel: 400-821-0725

E-mail: product@leyan.com

Address: No. 1999 Zhangheng Road, Building 3, Zhangjiang High-Tech Park, Shanghai