

## 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.:	Lg0815294374
Storage:	RT, protect from light, stored under nitrogen
Test Date:	2023-08-15
Retest Date:	2026-08-14
Origin:	Shanghai, China

### QC Summary

QC Summary	Specification	Result
Appearance:	White to off-white (Solid)	White (Crystalline Powder)
Assay, $\omega/\%$ :	$\geq 99.0$	99.3
Identification Experiment:	Identification Reaction of Potassium Salt and Iodide in Aqueous Solution	Qualified
Clarity Test:	$\leq 3$	Qualified
Water Insoluble Substance, $\omega/\%$ :	$\leq 0.01$	Qualified
Barium(Ba):	Qualified	Qualified
Arsenic(As), $\omega/\%$ :	$\leq 0.02$	Qualified
Heavy Metals(as Pb), ppm:	$\leq 10$	Qualified
Iodate:	Qualified	Qualified
Chloride(Cl), $\omega/\%$ :	$\leq 0.5$	Qualified
Loss On Drying, $\omega/\%$ :	$\leq 1.0$	Qualified
Sulfate(SO <sub>4</sub> ), $\omega/\%$ :	$\leq 0.04$	Qualified
Conclusion:	The product has been tested and complies with the given specifications.	

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

Tel: 400-821-0725

E-mail: [product@leyan.com](mailto:product@leyan.com)

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