

Certificate of Analysis

Compound Information

Product Name:	Potassium iodide, AR, ≥99.0%
Cat. No.:	1605068
CAS No.:	7681-11-0
Molecular Formula:	IK
Molecular Weight:	166.00
Chemical Structure:	



Batch Information

Batch No.:	Lg1109332962
Storage:	Store at room temperature, keep dry and cool
Test Date:	2023-11-09
Retest Date:	2026-11-08
Origin:	Shanghai, China

QC Summary

Specification

Result

Appearance:	White to off-white (Solid)	White (Crystals)
pH(50 g/L 25°C):	6.0~8.0	7.3
Assay,ω/%:	≥99.0	99.37
Clarity Test,No.:	≤3	qualified
Water Insoluble Substance,ω/%:	≤0.01	<0.01%
Reducing Substance:	Pass	qualified
Barium(Ba),ω/%:	≤0.002	<0.002%
Calcium(Ca),ω/%:	≤0.002	<0.002%
Magnesium(Mg),ω/%:	≤0.002	<0.002%
Sodium(Na),ω/%:	≤0.1	<0.1%
Arsenic(As),ω/%:	≤0.00002	<0.00002%
Iron(Fe),ω/%:	≤0.0003	<0.0003%
Heavy Metals(as Pb),ω/%:	<0.0005	<0.0005%
Chloride And Bromide(as Cl),ω/%:	≤0.02	<0.02%
Total Nitrogen(N),ω/%:	<0.002	<0.002%

Iodate And Iodine(as IO₃),ω/%:	≤0.002	qualified
Phosphate(PO₄),ω/%:	<0.002	<0.002%
Sulfate(SO₄),ω/%:	≤0.005	<0.005%
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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