

Shanghai Aladdin Biochemical Technology Co., LTD
809 Chuhua Branch Road, Fengxian District, Shanghai 201400, China

Certificate of Analysis

Date of Testing: 2025-03-28 18:58:56
Date of Next Testing: 2028-03-27 18:58:56
Product Name: **Potassium iodide**
CAS Number: 7681-11-0
Specifications & Purity: Ph.Eur., puriss. p.a., ≥99%
Lot #: C2527740
SKU #: **P433787**
Version: **3**
Analysis #: **489159**

Parameter	Limit Values	Result
Titratable Base(as KOH)	≤ 0.02 (%)	0.02000 %
Assay(calc. to the dried substance)	99-100.5 (%)	99.90000 %
PH(5% in water, 20°C)	6-8	7.20000
Loss on drying(105°C)	0-0.5 (%)	0.20000 %
Heavy metal (as Pb)	0-0.0005 (%)	0.00050 %
Chloride and Bromide(As Cl-)	0-100 (ppm)	100.00000 ppm
Arsenic(As)	0-0.1 (ppm)	0.02000 ppm
Barium(Ba)	0-0.002 (%)	0.00200 %
Iron(Fe)	0-0.0003 (%)	0.00030 %
Magnesium(Mg)	0-0.001 (%)	0.00100 %
Sodium(Na)	0-0.03 (%)	0.00500 %
Phosphate(PO4)	0-10 (ppm)	10.00000 ppm
Thiosulfate(S2O3)	0-0.005 (%)	0.00200 %
Sulfate(SO42-)	≤150 (ppm)	0.00000 ppm
Iodate (IO3-)	0-2 (ppm)	2.00000 ppm
Calcium(Ca)	0-0.001 (%)	0.00100 %
Reducing Substances	pass	Pass

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