

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

Certificate of Analysis

Date of Testing: 2025-11-26 15:07:44
Date of Next Testing: 2028-11-25 15:07:44
Product Name: **Potassium iodide**
CAS Number: 7681-11-0
Specifications & Purity: UltraBio™, Ultra pure, ≥99%
Lot #: K2520064
SKU #: **P433786**
Version: **1**
Analysis #: **615176**
Storage Temperature: Protected from light, Room temperature, Argon charged

Parameter	Limit Values	Result
Chloride	0-0.01 (%)	0.01000 %
Sulfate(SO42-)	0-0.005 (%)	0.00000 %
Insoluble matter	0-0.005 (%)	0.00000 %
Aluminum(Al)	0-0.0005 (%)	0.00000 %
Lead(Pb)	0-0.001 (%)	0.00000 %
Iron(Fe)	0-0.0005 (%)	0.00030 %
Barium(Ba)	0-0.002 (%)	0.00200 %
Copper(Cu)	0-0.0005 (%)	0.00000 %
Zinc(Zn)	0-0.0005 (%)	0.00000 %
Sodium(Na)	0-0.05 (%)	0.00500 %
Ammonia (NH4)	0-0.05 (%)	0.00000 %
Assay (titration with KIO3)	≥99 (%)	99.90000 %
Phosphorus (P)	0-0.0005 (%)	0.00050 %
Calcium(Ca)	0-0.001 (%)	0.00100 %
Magnesium(Mg)	0-0.0005 (%)	0.00050 %
Appearance(P433786)	White Powder or crystalline powder	White Powder or Crystalline Powder
Solubility(1 M in H2O), Clear Colorless	Pass	Pass
Identity by ICP-Potassium	Pass	Pass
X-Ray Diffraction	Conforms to Structure	Conforms to Structure

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