

Certificate of Analysis

Date of Testing: 2025-03-31 17:09:05

Date of Next Testing: 2028-03-30 17:09:05

Product Name: **Potassium iodide**

CAS Number: 7681-11-0

Specifications & Purity: puriss. p.a., Ph.Eur., ≥99%

Lot #: C2527739

SKU #: **P433787**

Version: **3**

Analysis #: **489624**

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 (%)	0.20 %
Heavy metal (as Pb)	0-0.0005 (%)	0.00 %
Chloride and Bromide(As Cl-)	0-100 (ppm)	100.00000 ppm
Arsenic(As)	0-0.1 (ppm)	0.00000 ppm
Barium(Ba)	0-0.002 (%)	0.00 %
Iron(Fe)	0-0.0003 (%)	0.00 %
Magnesium(Mg)	0-0.001 (%)	0.00 %
Sodium(Na)	0-0.03 (%)	0.01 %
Phosphate(PO4)	0-10 (ppm)	10.00 ppm
Thiosulfate(S2O3)	0-0.005 (%)	0.00 %
Sulfate(SO42-)	≤150 (ppm)	0.00 ppm
Calcium(Ca)	0-0.001 (%)	0.00 %
Iodate (IO3-)	0-2 (ppm)	2.00 ppm
Reducing Substances	pass	Pass



ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager