



Samrat Pharmachem Limited

Manufacturers & Exporters of Pharmaceutical Chemicals

Regd. Office & Factory

Plot No. A2/3445, GIDC, Phase 4,
Ankleshwar - 393 002,
Gujarat, India.
Tel : 91-7045456789 / 7046456789
Web : www.samratpharmachem.com

CIN : L24230GJ1992PLC017820

Corporate Office

701/702, Business Square,
M. A. Road, Andheri (West),
Mumbai - 400 058, India.
Tel No.: 91-7507534567 / 8760345678
Email : contact@samratpharmachem.in

Certificate of Analysis

Date : 15-Dec-2022	Certificate No. : 23/15
Name of Sample : Potassium Iodide	Grade : AR
Batch No. : 22122315	
Batch Size : 500.000 KGS	
Mfg. Month : December-2022	
Retest Month : November-2025	
HSN Code : 28276010	CAS No. : 7681-11-0
	EC No. : 231-659-4

Test Parameters	Results	Standard Limits
Description	White crystalline powder	White crystalline powder
Assay (Dry basis)	99.82 %	99.70% - 100.00%
Iodine Content	76.32 %	76.23% - 76.45%
pH (0% w/w in water)	7.40	6.00 - 8.00
Insoluble matter in water % w/w	0.00080 %	0.00080% - 0.00200%
Loss on Drying (110 Deg C, 2 hours)	0.19 %	0.15% - 0.20%
Chloride & Bromide (as Cl)	0.0005 %	0.0005% - 0.0500%
Iodate (IO ₃)	0.00000 %	0.00000% - 0.00020%
Phosphate (PO ₄)	0.00000 %	0.00000% - 0.00100%
Total Nitrogen (N)	0.00000 %	0.00000% - 0.00100%
Sulphate (SO ₄)	0.00060 %	0.00000% - 0.00200%
Arsenic (As)	0.00000 %	0.00000% - 0.00010%
Barium (Ba)	0.00000 %	0.00000% - 0.00100%
Calcium Group & Magnesium (Ca)	0.00000 %	0.00000% - 0.00100%
Copper (Cu)	0.00000 %	0.00000% - 0.00020%
Heavy Metals (as Pb)	0.00000 %	0.00000% - 0.00020%
Iron (Fe)	0.00000 %	0.00000% - 0.00030%
Sodium (Na)	0.000 %	0.000% - 0.050%
Iodine Reducing Substances (I)	Passes	Passes

Test Result : PASSED

QCF/120051

WQ023AR

Approved By

ISO Doc No. : QCI/F/01/4

Analyzed By