



Samrat Pharmachem Limited

Manufacturers & Exporters of Pharmaceutical Chemicals

Regd. Office & Factory

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CIN : L24230GJ1992PLC017820

Corporate Office

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Certificate of Analysis

Date : 20-Jul-2024	Certificate No. : 23/01
Name of Sample : Potassium Iodide	Grade : AR
Batch No. : 24072301	
Batch Size : 500.000 KGS	
Mfg. Month : July-2024	
Retest Month : June-2027	
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)	99.79 %	99.70% - 100.00%
Iodine Content	76.29 %	76.23% - 76.45%
pH (10% w/w in water)	7.50	6.00 - 8.00
Insoluble matter in water % w/w	0.00060 %	0.00000% - 0.00200%
Loss on Drying (110 Deg C, 2 hours)	0.16 %	0.15% - 0.20%
Chloride & Bromide (as Cl)	0.0020 %	0.0000% - 0.0500%
Iodate (IO3)	0.00000 %	0.00000% - 0.00020%
Phosphate (PO4)	0.00000 %	0.00000% - 0.00100%
Total Nitrogen (N)	0.00000 %	0.00000% - 0.00100%
Sulphate (SO4)	0.00070 %	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)	0.020 %	0.000% - 0.050%

Test Result : PASSED

QCF/70050

WQ023AR


Approved By


Analyzed By