



Samrat Pharmachem Limited

Manufacturers & Exporters of Pharmaceutical Chemicals

Regd Office & Factory

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Certificate of Analysis

Date : 20-Nov-2021		Certificate No. : 23/06
Name of Sample	: Potassium Iodide	Grade : AR
Batch No.	: 21112306	
Batch Size	: 500.000 KGS	
Mfg. Month	: November 2021	
Retest Month	: October 2024	

Test Parameters	Results	Standard Limits
Description	White crystalline powder	White crystalline powder
Assay (dry basis)	99.81%	99.70% - 100.00%
Iodine Content	76.30%	76.23% - 76.45%
pH (10% w/v in water)	7.30	6 – 8
Insoluble matter in water % w/w	0.0008%	Max. 0.0020%
Loss on drying (110 Deg C, 2 hours)	0.19%	Max. 0.20%
Chloride & Bromide (as Cl)	0.0006%	Max. 0.050%
Iodate (IO ₃)	Below limit quantification	Max. 0.0002%
Phosphate (PO ₄)	Below limit quantification	Max. 0.001%
Total nitrogen (N)	Below limit quantification	Max. 0.001%
Sulphate (SO ₄)	0.0008%	Max. 0.002%
Arsenic (As)	Below limit quantification	Max. 0.0001%
Barium (Ba)	Below limit quantification	Max. 0.001%
Calcium group & magnesium (Ca)	Below limit quantification	Max. 0.001%
Copper (Cu)	Below limit quantification	Max. 0.0002%
Heavy Metal (as Pb)	Below limit quantification	Max. 0.0002%
Iron (Fe)	Below limit quantification	Max. 0.0003%
Sodium (Na)	0.002%	Max. 0.05%
Iodine reducing substances (I)	Passes	Passes

Test Result : PASSED

QCF/110064

WQ023AR

Approved By

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

Analyzed By