



Samrat Pharmachem Limited

Manufacturers & Exporters of Pharmaceutical Chemicals

Regd Office & Factory

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Certificate of Analysis

Date : 14-Aug-2021		Certificate No. : 22/07
Name of Sample	: Potassium Iodate	Grade :
Batch No.	: 21082207	
Batch Size	: 500.000 KGS	
Mfg. Month	: August 2021	
Retest Month	: July 2024	

Test Parameters	Results	Standard Limits
Description	White crystalline powder	White crystalline powder
Assay (iodometric, dry basis)	99.90%	99.00% - 100.00%
Iodine Content	59.25%	58.71% - 59.30%
Solubility	Soluble in 30 parts of water	Soluble in 30 parts of water
pH (5% w/v in water)	7.20	5 – 8
Loss on drying (110 Deg C, 2 hours)	0.09%	Max.0.50%
Bromate, bromide, chlorate (as ClO ₃)	Below limit quantification	Max. 0.01%
Insoluble matter in water % w/w	0.0008%	Max. 0.10%
Iodide (I)	Below limit quantification	Max. 0.02%
Sulphate (SO ₄)	Below limit quantification	Max .0.002%
Heavy Metal (as Pb)	Below limit quantification	Max. 0.0005%
Arsenic (As)	Below limit quantification	Max. 0.0003%
Mercury (as Hg)	Below limit quantification	Max. 0.10%
Cadmium (Cd)	Below limit quantification	Max. 0.01%
Iron (Fe)	Below limit quantification	Max. 0.001%

Test Result : PASSED

QCF/80040

WQ022FCC

Approved By

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

Analyzed By