



# Samrat Pharmachem Limited

Manufacturers & Exporters of Pharmaceutical Chemicals

## Regd. Office & Factory

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Phase 4, Ankleshwar - 393002,  
Gujarat, India.  
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Web : www.samratpharmachem.com

CIN : L24230GJ1992PLC017820

## Corporate Office

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M. A. Road, Andheri (West),  
Mumbai – 400058, India.  
Tel No.: 91-7507534567 / 8760345678  
Email : contact@samratpharmachem.in

## Certificate of Analysis

<b>Date : 18-Dec-2024</b>		<b>Certificate No. : 22/01</b>	
Name of Sample	: <b>Potassium Iodate</b>	Grade :	<b>FCC</b>
Batch No.	: 24122201		
Batch Size	: 500.000 KGS		
Mfg. Month	: December-2024		
Retest Month	: November-2027		
HSN Code	: 28299030	CAS No. :	7758-05-6
		EC No. :	231-831-9

Test Parameters	Results	Standard Limits
Description	White crystalline powder	White crystalline powder
Assay (iodometric, dry basis)	99.89 %	99.00% - 100.00%
Iodine Content	59.24 %	58.71% - 59.30%
Solubility	Soluble in 30 parts of water.	Soluble in 30 parts of water.
pH (5.0% w/v in water)	7.10	5.00 - 8.00
Loss on Drying (110 Deg C, 2 hour)	0.09 %	0.03% - 0.50%
Bromate, bromide, chlorate (as ClO3)	0.00000 %	0.00000% - 0.01000%
Insoluble matter in water % w/w	0.001 %	0.000% - 0.100%
Iodide (I)	0.0000 %	0.0000% - 0.0200%
Sulphate (SO4)	0.0007 %	0.0000% - 0.0020%
Heavy Metals (as Pb)	0.00000 %	0.00000% - 0.00050%
Arsenic (as As)	0.00000 %	0.00000% - 0.00030%
Mercury (as Hg)	0.00 %	0.00% - 0.10%
Cadmium (Cd)	0.000 %	0.000% - 0.010%
Iron (Fe)	0.00000 %	0.00000% - 0.00100%

**Test Result : PASSED**

QCF/120065

WQ022FCC

  
Approved By

  
Analyzed By