



Samrat Pharmachem Limited

Manufacturers & Exporters of Pharmaceutical Chemicals

Regd. Office & Factory

Plot No. A2/3444-3445, GIDC,
Phase 4, Ankleshwar – 393002
Gujarat, India.
Tel : +91-7045456789 / 7046456789
Web: www.samratpharmachem.com

CIN: L24230GJ1992PLC017820

Corporate Office

701/702, Business Square,
M. A. Road, Andheri (West),
Mumbai – 400058, India.
Tel No.: 91-7507534567 / 8760345678
Email: contact@samratpharmachem.in

Certificate of Analysis

Date : 02-Oct-2023		Certificate No. : 15/07	
Name of Sample	: Iodine	Grade : LR	
Batch No.	: 23101507		
Batch Size	: 500.00 KGS		
Mfg. Month	: October 2023		
Retest Month	: September 2026		
HSN Code	: 28012000	CAS No. : 7553-56-2	EC No. : 231-442-4

Test Parameters	Results	Standard Limits
Description	Violet limps	Violet flakes, Violet lumps.
Assay (iodometric)	99.35%	98.00% - 100.00%
Identification	Passes as per I.P. test A & B	Passes as per I.P. test A & B
Non- volatile matter	0.50%	0.50% - 3.00%

Test Result : PASSED

QCF/100005

WQ015LR

Approved By

Analyzed By



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Certificate of Analysis

Date : 04-Jul-2024	Certificate No. : 15/01
Name of Sample : Iodine	Grade : AR
Batch No. : 24071501	
Batch Size : 500.000 KGS	
Mfg. Month : July-2024	
Retest Month : June-2027	
HSN Code : 28012000	CAS No. : 7553-56-2
	EC No. : 231-442-4

Test Parameters	Results	Standard Limits
Description	Prilled with a metallic sheen	A grayish violet brittle plates or small crystals, Prilled with a metallic sheen, odour irritant, it volatiles slowly at room temperature.
Solubility	Complies.	Very slight soluble in water, very soluble in concentrated solution of iodides, soluble in ethanol (96%), slightly soluble in glycerol, Complies.
Identification Test - A	Complies.	Test A: - When heated gently it gives violet vapors which condense forming a bluish-black crystalline sublimate, Complies.
Identification Test - B	Complies.	Test B: - A saturated solution yields a blue colour in the presence of starch solution which disappears when the solution is heated & reappears when its cooled, Complies.
Bromide & Chloride	0.0002 %	0.0000% - 0.0250%
Non-volatile Matter	0.0004 %	0.0000% - 0.1000%
Heavy Metals	0.0000 %	0.0000% - 0.0010%
Chlorides	0.0002 %	0.0000% - 0.0010%
Assay	99.90 %	99.50% - 100.00%

Test Result : PASSED

QCF/70006

WQ015AR

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Certificate of Analysis

Date : 30-Jan-2025		Certificate No. : 77/01	
Name of Sample	: Iodine	Grade : IP	
Batch No.	: 25017701		
Batch Size	: 500.00 KGS		
Mfg. Month	: January 2025		
Retest Month	: December 2027		
Drug Mfg.Lic. No.	: GJ/25/2625		
HSN Code	: 28012000	CAS No. : 7553-56-2	EC No. : 231-442-4

Test Parameters	Results	Standard Limits
Description	Greyish violet, brittle plates or fine crystals with a metallic sheen.	Greyish violet, brittle plates or fine crystals with a metallic sheen.
Solubility	Very slightly soluble in water, very soluble in concentrated solution of iodides, soluble in ethanol(96%),slightly soluble in glycerol	Very slightly soluble in water, very soluble in concentrated solution of iodide, soluble in ethanol (96%), slightly soluble in glycerol
Identification	Passes test A Passes test B	A. When heated gently it gives violet vapors which condense forming a bluish-black crystalline sublimate. B. A saturated solution yields a blue colour in the presence of starch solution which disappears when the solution is heated & reappears when its cooled,
Bromide and chlorides	4 ppm,	NMT 250 ppm
Non- volatile substances	0.0005%	NMT 0.1 %
Assay	99.92 %	99.5 % - 100.5 % (w/w)

Test Result : PASSED

QCF/10046

WQ015IPG

Approved By

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