



Samrat Pharmachem Limited

Manufacturers & Exporters of Pharmaceutical Chemicals

Regd. Office & Factory

Plot No. A2/3445, GIDC, Phase 4,
Ankleshwar - 393 002,
Gujarat, India.
Tel : 91-7045456789 / 7046456789
Web : www.samratpharmachem.com

CIN : L24230GJ1992PLC017820

Corporate Office

701/702, Business Square,
M. A. Road, Andheri (West),
Mumbai - 400 058, India.
Tel No.: 91-7507534567 / 8760345678
Email : contact@samratpharmachem.in

Certificate of Analysis

Date : 10-Dec-2022	Certificate No. : 15/12
Name of Sample : Iodine	Grade : AR
Batch No. : 22121512	
Batch Size : 500.000 KGS	
Mfg. Month : December-2022	
Retest Month : November-2025	
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	0.0004 %	0.0000% - 0.0250%
Non-volatile Matter	0.0005 %	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/120029

WQ015AR

Approved By

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

Analyzed By



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Certificate of Analysis

Date : 22-Dec-2023		Certificate No. : 77/01	
Name of Sample	: Iodine	Grade : IP	
Batch No.	: 23127701		
Batch Size	: 500.00 KGS		
Mfg. Month	: December 2023		
Retest Month	: November 2026		
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. Heat a few fragments in a test - tube. Violet vapour should evolve and bluish-black crystalline sublimate should be formed. B. To a saturated solution add starch solution. A blue colour should be produced. Heat until decolourised on cooling, the colour should reappear
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/120031

WQ015IPG

Approved By

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

Analyzed By