



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: 91-7507534567 / 8760345678
Email: contact@samratpharmachem.in

Certificate of Analysis

Date : 22-Oct-2023		Certificate No. : 75/05	
Name of Sample	: Povidone Iodine	Grade: USP	
Batch No.	: 23107505		
Batch Size	: 500.00 KGS		
Mfg. Month	: October 2023		
Retest Month	: September 2026		
Drug Mfg.Lic. No.	: GJ/25/2625		
HSN Code	: 29333990	CAS No. : 25655-41-8	EC No. : 607-771-8

Test Parameters	Results	Standard Limits
Appearance	Yellowish brown to reddish brown amorphous powder having a slight, characteristic odor.	Yellowish brown to reddish brown amorphous powder having a slight, characteristic odor.
Solubility	Soluble in water & in alcohol practically insoluble in chloroform, carbon tetrachloride, ether, hexane & in acetone.	Soluble in water & in alcohol practically insoluble in chloroform, carbon tetrachloride, ether, hexane & in acetone.
Identification		
Test A	Complies.	A) A deep blue colour is produced.
Test B	Complies.	B) A brown, dry non-smearing film is formed and it dissolves readily in water.
Loss on drying	3.25%	NMT 8.0 %
Residue on Ignition	0.004%	NMT 0.025 %
Iodide	2.90%	NMT 6.6 %
Nitrogen contents (on dried basis)	10.90%	9.5% - 11.5 %
Assay for available iodine	11.70%	NLT 9.0 % and NMT 12.0 % of available iodine (I), calculated on dried basis.

Test Result : PASSED

QCF/100073

WQ074USPE

Approved By

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

Analyzed By



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Certificate of Analysis

Date : 07-Oct-2023		Certificate No. : 71/01	
Name of Sample	: Povidone Iodine	Grade: IP	
Batch No.	: 23107101		
Batch Size	: 500.00 KGS		
Mfg. Month	: October 2023		
Retest Month	: September 2026		
Drug Mfg.Lic. No.	: GJ/25/2625		
HSN Code	: 29333990	CAS No. : 25655-41-8	EC No. : 607-771-8

Test Parameters	Results	Standard Limits
Physical Appearance	A yellowish brown amorphous powder; odour, slight and characteristic of iodine.	A yellowish brown amorphous powder; odour, slight and characteristic of iodine.
Identification		
Test A	Passes	Test should be passes as per IP
Test B	Passes	Test should be passes as per IP
Heavy metals (as Pb)	< 0.002%	NMT 0.002%
Nitrogen on dried basis	10.60%	Limit 9.5% to 11.5%
Iodide	2.90%	NMT 6.0%
Sulphated ash	0.002%	Max.0.1%
Loss on drying	3.10 %	3.0% - 8.0%
Assay (Iodine content)	11.75%	9.0% - 12.0% w/w

Test Result : PASSED

QCF/100019

WQ071IPG

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Certificate of Analysis

Date : 08-Oct-2023		Certificate No. : 73/03	
Name of Sample	: Povidone Iodine	Grade: BP	
Batch No.	: 23107303		
Batch Size	: 500.00 KGS		
Mfg. Month	: October 2023		
Retest Month	: September 2026		
Drug Mfg.Lic. No.	: GJ/25/2625		
HSN Code	: 29333990	CAS No. : 25655-41-8	EC No. : 607-771-8

Test Parameters	Results	Standard Limits
Appearance	Yellowish-brown or reddish-brown, amorphous powder.	Yellowish-brown or reddish-brown, amorphous powder.
Solubility	Soluble in water and in ethanol (96 per cent), practically insoluble in acetone.	Soluble in water and in ethanol (96 per cent), practically insoluble in acetone.
Identification		
Test A	Complies	Infrared absorption spectrophotometry.
Test B	Complies	An intense blue colour is produced.
pH	3.0	1.5 to 5.0
Iodide	2.7%	Maximum 6.0 %
Loss on drying	3.10	Maximum 8.0 %
Sulphated ash	0.003%	Maximum 0.1 %
Assay for available iodine	11.80%	9.0 % to 12.0 %

Test Result : PASSED

QCF/100027

WQ073BPE

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

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Certificate of Analysis

Date : 22-Oct-2023		Certificate No. : 76/06	
Name of Sample	: Povidone Iodinated	Grade: EP	
Batch No.	: 23107606		
Batch Size	: 500.00 KGS		
Mfg. Month	: October 2023		
Retest Month	: September 2026		
Drug Mfg.Lic. No.	: GJ/25/2625		
HSN Code	: 29333990	CAS No. : 25655-41-8	EC No. : 607-771-8

Test Parameters	Results	Standard Limits
Appearance	Yellowish-brown or reddish-brown, amorphous powder.	Yellowish-brown or reddish-brown, amorphous powder.
Solubility	Soluble in water and in ethanol (96 per cent), practically insoluble in acetone.	Soluble in water and in ethanol (96 per cent), practically insoluble in acetone.
Identification		
Test A	Complies.	Infrared absorption spectrophotometry.
Test B	Complies.	An intense blue colour is produced.
pH	2.90	1.5 to 5.0
Iodide	2.8%	Maximum 6.0 %
Loss on drying	3.0%	Maximum 8.0 %
Sulphated ash	0.002%	Maximum 0.1 %
Assay for available iodine	11.70%	9.0 % to 12.0 %

Test Result : PASSED

QCF/100074

WQ076EPE

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