



# Samrat Pharmachem Limited

Manufacturers & Exporters of Pharmaceutical Chemicals

## Regd. Office & Factory

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Web : www.samratpharmachem.com

CIN : L24230GJ1992PLC017820

## Corporate Office

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Mumbai - 400 058, India.  
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Email : contact@samratpharmachem.in

## Certificate of Analysis

<b>Date : 27-Jun-2022</b>	<b>Certificate No. : 36/31</b>	
Name of Sample : <b>Povidone Iodine</b>	Grade :	
Batch No. : 22063631		
Batch Size : 500.000 KGS		
Mfg. Month : June-2022		
Retest Month : May-2025		
HSN Code : 29333990	CAS No. : 25655-41-8	EC No. : 607-771-8

Test Parameters	Results	Standard Limits
Physical Appearance	Free flowing reddish brown powder.	Free flowing reddish brown powder.
Particle Size	Passes.	Approx 97% passing through 100 mesh, Passes.
Bulk Density	Complies.	Approx 0.65 g/ml, Complies.
Solubility (10.0% in water)	Passes.	Soluble in water in alcohol practically insoluble in chloroform, carbon tetrachloride, ether, hexane & in acetone solution acidic to litmus, Passes.
Identification	Complies.	Infrared absorption IR spectrum of sample is concordant with that of the reference standard a deep blue colour is produced non shimmering film is dissolved readily in water, Complies.
Loss on Drying	2.5 %	0.0% - 8.0%
Residue on Ignitation	0.002 %	0.000% - 0.025%
Sulphated ash	0.00 %	0.00% - 0.10%
Iodide (On dried basis)	2.90 %	0.00% - 6.00%
pH (10.0% in water)	2.5	1.5 - 5.0
Heavy metals (as Pb)	0.000 %	0.000% - 0.002%
Nitrogen (On dried basis)	10.75 %	9.50% - 11.50%
Assay for available Iodine	11.90 %	9.00% - 12.00%

**Test Result : PASSED**

QCF/60104

WQ036STD

**Approved By**

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

**Analyzed By**