



Samrat Pharmachem Limited

Manufacturers & Exporters of Pharmaceutical Chemicals

Regd. Office & Factory

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CIN : L24230GJ1992PLC017820

Corporate Office

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Mumbai - 400 058, India.
Tel No.: 91-7507534567 / 8760345678
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Certificate of Analysis

Date : 11-Nov-2022		Certificate No. : 28/20	
Name of Sample	: Sodium Iodide	Grade :	
Batch No.	: 22112820		
Batch Size	: 500.000 KGS		
Mfg. Month	: November-2022		
Retest Month	: October-2025		
HSN Code	: 28276020	CAS No. :	7681-82-5
		EC No. :	231-679-3

Test Parameters	Results	Standard Limits
Description	White crystalline powder	White crystalline powder
Assay	99.34 %	98.50% - 100.00%
Iodine Content	84.10 %	83.81% - 84.66%
Solubility	Passes.	Freely soluble in water, Passes.
Identification	Complies.	Should pass the identification test for sodium and iodide, Complies.
Ph (5% w/v in water)	7.80	6.00 - 9.00
Loss on Drying (110 Deg C, 2 hours)	0.29 %	0.15% - 0.50%
Water Content by KF	0.60 %	0.60% - 2.00%
Iodate (IO3)	0.00000 %	0.00000% - 0.00030%
Sulphate (SO4)	0.00100 %	0.00050% - 0.01500%
Heavy Metals (as Pb)	0.00000 %	0.00000% - 0.00100%
Iron (Fe)	0.00010 %	0.00010% - 0.00050%

Test Result : PASSED

QCF/110038

WQ028LR

Approved By

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

Analyzed By