



Samrat Pharmachem Limited

Manufacturers & Exporters of Pharmaceutical Chemicals

Regd. Office & Factory

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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


Approved By


Analyzed By