



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