



# 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 – 400058, India.  
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## Certificate of Analysis

| Date : 18-Dec-2024 |                    | Certificate No. : 22/01 |           |
|--------------------|--------------------|-------------------------|-----------|
| Name of Sample     | : Potassium Iodate | Grade :                 | FCC       |
| Batch No.          | : 24122201         |                         |           |
| Batch Size         | : 500.000 KGS      |                         |           |
| Mfg. Month         | : December-2024    |                         |           |
| Retest Month       | : November-2027    |                         |           |
| HSN Code           | : 28299030         | CAS No. :               | 7758-05-6 |
|                    |                    | EC No. :                | 231-831-9 |

| Test Parameters                                   | Results                       | Standard Limits               |
|---------------------------------------------------|-------------------------------|-------------------------------|
| Description                                       | White crystalline powder      | White crystalline powder      |
| Assay (iodometric, dry basis)                     | 99.89 %                       | 99.00% - 100.00%              |
| Iodine Content                                    | 59.24 %                       | 58.71% - 59.30%               |
| Solubility                                        | Soluble in 30 parts of water. | Soluble in 30 parts of water. |
| pH (5.0% w/v in water)                            | 7.10                          | 5.00 - 8.00                   |
| Loss on Drying (110 Deg C, 2 hour)                | 0.09 %                        | 0.03% - 0.50%                 |
| Bromate, bromide, chlorate (as ClO <sub>3</sub> ) | 0.00000 %                     | 0.00000% - 0.01000%           |
| Insoluble matter in water % w/w                   | 0.001 %                       | 0.000% - 0.100%               |
| Iodide (I)                                        | 0.0000 %                      | 0.0000% - 0.0200%             |
| Sulphate (SO <sub>4</sub> )                       | 0.0007 %                      | 0.0000% - 0.0020%             |
| Heavy Metals (as Pb)                              | 0.00000 %                     | 0.00000% - 0.00050%           |
| Arsenic (as As)                                   | 0.00000 %                     | 0.00000% - 0.00030%           |
| Mercury (as Hg)                                   | 0.00 %                        | 0.00% - 0.10%                 |
| Cadmium (Cd)                                      | 0.000 %                       | 0.000% - 0.010%               |
| Iron (Fe)                                         | 0.00000 %                     | 0.00000% - 0.00100%           |

Test Result : PASSED

QCF/120065

WQ022FCC

Approved By

Analyzed By