

**Qualikems**

## Qualikems Lifesciences Pvt. Ltd.

(Formerly known as Qualikems fine chem Pvt Ltd)

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### CERTIFICATE OF ANALYSIS

|                          |   |                  |                         |   |              |
|--------------------------|---|------------------|-------------------------|---|--------------|
| <b>Name of Product</b>   | : | Potassium Iodide | <b>CAS No.</b>          | : | 7681-11-0    |
| <b>Molecular Formula</b> | : | KI               | <b>Molecular Weight</b> | : | 166.0 g/mole |
| <b>Batch No.</b>         | : | QF2506027        | <b>Grade</b>            | : | LR           |
| <b>Mfg. Date</b>         | : | June-2025        | <b>Retest Date</b>      | : | May-2030     |

| Sr. No.                                                                                                                                                         | Tests                                            | Specification            | Observation |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------|--------------------------|-------------|
| 1                                                                                                                                                               | Appearance                                       | White Crystalline powder | Complies    |
| 2                                                                                                                                                               | Minimum assay (KI)                               | 99.5 %                   | 99.83 %     |
|                                                                                                                                                                 | <b>Maximum limits of impurities: #</b>           |                          |             |
| 3                                                                                                                                                               | Free alkali (as K <sub>2</sub> CO <sub>3</sub> ) | 0.028 %                  | 0.014 %     |
| 4                                                                                                                                                               | Sulphate (SO <sub>4</sub> )                      | 0.005 %                  | <0.005 %    |
| 5                                                                                                                                                               | Iodate (IO <sub>3</sub> )                        | 0.0003 %                 | 0.0002 %    |
| 6                                                                                                                                                               | Thiosulphate (S <sub>2</sub> O <sub>3</sub> )    | 0.005 %                  | 0.002 %     |
| 7                                                                                                                                                               | Heavy metals (as Pb)                             | 0.001 %                  | 0.0006 %    |
| 8                                                                                                                                                               | Iron (Fe)                                        | 0.0002 %                 | <0.0002 %   |
| 9                                                                                                                                                               | Loss on drying (105°C)                           | 0.5 %                    | 0.3 %       |
| <b>Conclusion:</b> Product complies as per above specification.                                                                                                 |                                                  |                          |             |
| <b>Note:</b> This document has been produced electronically and it is valid without signature.                                                                  |                                                  |                          |             |
| Quality of our product tested and reported in the COA are as per the specification and without any prejudice/liability what so ever the end product performance |                                                  |                          |             |

(An ISO 9001 : 2015 & 14001 : 2015 & 45001:2018 Certified Company)

\*NSIC - CRISIL SE 2B which indicates " High Performance Capability & Moderate Financial Strength\*