

# CEFA-CILINAS BIOTICS PVT LTD

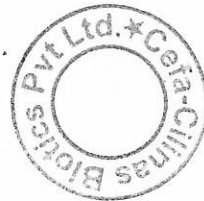
PLOT NO. W-8, CHIKALTHANA MIDC, AURANGABAD -431001, MH INDIA.

23.01.2024

## CERTIFICATE OF ANALYSIS

|                     |                              |         |          |
|---------------------|------------------------------|---------|----------|
| <b>Product Name</b> | <b>Potassium Iodide (KI)</b> |         |          |
| CAS No.             | 7681-11-0                    | HS Code | 28276010 |
| Batch No            | CEFA-KI-20240001             |         |          |

| Sr No | Item                        | Specifications                            | Results                  |
|-------|-----------------------------|---|--------------------------|
| 1     | Appearance                  | White Crystalline powder                  | White Crystalline powder |
| 2     | Identification of Potassium | Positive                                  | Positive                 |
| 3     | Identification of Iodide    | Positive                                  | Positive                 |
| 4     | Assay on dry basis          | NLT 99.00%                                | 99.56%                   |
| 5     | Iodine Content              | NLT 75.00%                                | 76.10%                   |
| 6     | Alkalinity                  | Passess Test                              | Passess Test             |
| 7     | Iodates                     | 4 ppm Max                                 | < 4                      |
| 8     | Thiosuphates & Barium       | Passess Test                              | Passess Test             |
| 9     | Lead as Pb                  | 4 mg/kg Max                               | < 4                      |
| 10    | Arsenic as As               | 3 mg/kg Max                               | < 3                      |
| 11    | Cadmium as Cd               | 2 mg/kg Max                               | < 2                      |
| 12    | Mercury as Hg               | 0.1 mg/kg Max                             | < 0.1                    |
| 13    | Nitrate, Nitrite & Ammonia  | Passess Test                              | Passess Test             |
| 14    | Solubility                  | Very soluble in water, soluble in alcohol | Complies                 |
| 15    | Los on Drying               | 1.00% Max                                 | 0.25%                    |



  
Mr Sharad R Ahire  
Dept of Quality Control (QC)