

## CERTIFICATE OF ANALYSIS

|                               |   |                           |                              |
|-------------------------------|---|---------------------------|------------------------------|
| <b>Product Name</b>           | <b>Metronidazole</b>  |                           |                              |
| <b>Batch No.</b>              | 20230917  | <b>Batch Quantity</b>     | 1012.10KG                    |
| <b>Packing in</b>             | 25KG/DRUM   | <b>Manufacturing Date</b> | September 11, 2023           |
| <b>Report Date</b>            | September 18, 2023  | <b>Expiry Date</b>        | September 10, 2027           |
| <b>Storage</b>                | Store in a well-closed container, protected from light                                    |                           |                              |
| <b>Analytical Results</b>     |   |                           |                              |
| <b>Items</b>                  | <b>Specifications</b>   |                           | <b>Results</b>               |
| <b>Appearance</b>             | White or yellowish,crystalline powder   |                           | Yellowish crystalline powder |
| <b>Solubility</b>             | Slightly soluble in water, in acetone, in alcohol and in methylene, chloride              |                           | Comply                       |
| <b>Identification</b>         | a)Melting point, between 159°C to 163°C   |                           | 160-161°C                    |
|                               | b)UV, the specific absorbance at the maximum is 365 to 395                                |                           | 380                          |
|                               | c)IR, Comparison Metronidazole CRS.   |                           | Comply                       |
|                               | d)Chemical, The solution gives the reaction of primary aromatic amines.                   |                           | Comply                       |
| <b>Appearance of solution</b> | suspension II and solution GY6  |                           | Comply                       |
| <b>Related substances</b>     | Any individual impurity: 0.1% MAX   |                           | N.D.                         |
|                               | Total impurities: 0.2%MAX   |                           | N.D.                         |
| <b>Heavy Metals</b>           | 20ppm MAX   |                           | < 20PPM                      |
| <b>Loss on drying</b>         | 0.5%MAX   |                           | 0.15%                        |
| <b>Sulphated ash</b>          | 0.1%MAX   |                           | 0.05%                        |
| <b>Assay</b>                  | 99.0%-101.0% C <sub>6</sub> H <sub>9</sub> N <sub>3</sub> O <sub>3</sub> (On dried basis) |                           | 99.7%                        |
| <b>Conclusion</b>             | Comply with the requirement of BP standard.   |                           |                              |

Inspector: Carlifor Wu

Verifier: Jack He

