

# CEFA-CILINAS BIOTICS PVT LTD

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

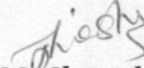
25.05.2021

## CERTIFICATE OF ANALYSIS

|              |                      |            |          |
|--------------|----------------------|------------|----------|
| Product Name | 3-Chlorobenzonitrile |            |          |
| CAS No.      | 766-84-7             | HS Code    | 29269000 |
| Mfg Date     | May 2021             | Exp Date   | May 2024 |
| Packing      | 250 kg Drum          | Batch Size | 2500 kgs |

| Sr No | Item                        | Specifications        | Results               |
|-------|-----------------------------|-----------------------|-----------------------|
| 1     | Appearance                  | Off-white fused solid | Off-white fused solid |
| 2     | Melting Point               | 38-40 °C              | 38-39 °C              |
| 3     | Purity by GC                | NLT 99.00%            | 99.34%                |
| 4     | Water Content               | NMT 0.5%              | 0.07%                 |
| 5     | <b>Other Impurities (%)</b> |                       |                       |
| A     | 2-Chlorobenzonitrile        | NMT 0.5%              | 0.18%                 |
| B     | 4-Chlorobenzonitrile        | NMT 0.5%              | 0.20%                 |
| C     | 3-Chlorotoluene             | NMT 0.1%              | 0.08%                 |
| D     | 3-Chlorobenzamide           | NMT 0.3%              | 0.12%                 |
| E     | Benzonitrile                | NMT 0.2%              | 0.08%                 |



  
Mr Sharad R Ahire  
Dept of Quality Control (QC)