

## CERTIFICATE OF ANALYSIS

**PRODUCT NAME : O-CRESOLPHTHALEIN COMPLEXONE**

|                         |                                                                  |                     |             |
|-------------------------|------------------------------------------------------------------|---------------------|-------------|
| <b>CAS No</b>           | : 2411-89-4                                                      | <b>Product code</b> | : 13885     |
| <b>Mol. Formula</b>     | : C <sub>32</sub> H <sub>32</sub> N <sub>2</sub> O <sub>12</sub> | <b>Batch No</b>     | : MCR-32831 |
| <b>Mol. WT</b>          | : 636.61                                                         | <b>Mfd.</b>         | : Jan. 2025 |
| <b>Date of analysis</b> | : 03/01/25                                                       | <b>Exp.</b>         | : Dec. 2029 |

| S.R | Test                                    | Specification                               | Observation       |
|-----|-----------------------------------------|---------------------------------------------|-------------------|
| 1   | Description                             | White to off-white to pink or beige powder. | Off-white powder. |
| 2   | Loss on drying 135 <sup>0</sup> C       | 15.0% max                                   | 6.15%             |
| 3   | Absorption maxima in NaOH (0.1 mol / L) | 570 – 575 nm                                | 572.50nm          |
| 4   | E 1%1cm λ max                           | 625 min                                     | 691.40            |
| 5   | Sensitivity as complexometric indicator | Passes test                                 | Complies          |

**REMARK:** THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

**[Tested By]**



**CHEMIST  
(Shruti)**

**[QC Incharge]**



**HEAD-QUALITY ASSURANCE  
(G.G.Salian)**

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