



## CERTIFICATE OF ANALYSIS

**PRODUCT NAME : METHYL THYMOL BLUE COMPLEXONE**

**CAS No : 1945-77-3**                      **Product code : 16287**  
**Mol. Formula : C<sub>37</sub>H<sub>40</sub>N<sub>2</sub>Na<sub>4</sub>O<sub>13</sub>S**                      **Batch No : MCR-20426-01**  
**Mol. WT : 844.76**                      **Mfd. : Aug. 2023**  
**Date of analysis : 19/08/23**                      **Exp. : July 2028**

| S. R | Test   | Specification                        | Observation        |
|------|--|--------------------------------------|--------------------|
| 1    | <b>Description</b>                                   | Dark green to brown to black powder. | Dark green powder. |
| 2    | <b>Absorption maxima in water</b>                    | 435 – 443nm                          | 436.1nm            |
| 3    | <b>Absorptivity (A 1% / 1cm, at λ max, in water)</b> | 120 min.                             | 166.01             |
| 4    | <b>Loss on drying at 110°C (1hr)</b>                 | 10 % max                             | 7.95%              |
| 5    | <b>Suitability as metal indicator</b>                | Passes test                          | Passes test        |

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

**[Tested By]**

**[QC Incharge]**

**CHEMIST  
(Ruchi)**

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

**Note:** Computer generated image requires no sign.

**MOLYCHEM H.Q. : Maker Tower 'E', 41-A2, 4th Floor, Above Maker Arcade, Cuffe Parade, Mumbai 400 005 (INDIA)**

**Tel. : +91 22 4066 8111 • Email: [info@molychem.net](mailto:info@molychem.net) • Web: [www.molychem.net](http://www.molychem.net)**

**Reg. Office : 78/80 Babu Genu Road, Souri Bldg., 2nd Floor, Mumbai - 400 002 (INDIA)**

**Works : Unit I - Plot No. B/9, Unit II - Plot No. B/11, Badlapur M.I.D.C., Opp. Shobhavat Textile Co., Kulgaoon, Badlapur (E), Dist.-Thane-421 503.**