

## CERTIFICATE OF ANALYSIS

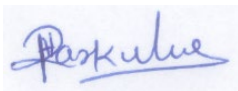
**PRODUCT NAME : CYNOCOBALAMINE FOR BIOCHEMISTRY**

|                         |                                 |                     |              |
|-------------------------|---------------------------------|---------------------|--------------|
| <b>CAS No</b>           | : 68-19-9                       | <b>Product code</b> | : 31500      |
| <b>Mol. Formula</b>     | : $C_{63}H_{88}CON_{14}O_{14}P$ | <b>Batch No</b>     | : MCR-33523  |
| <b>Mol. WT</b>          | : 1355.40                       | <b>Mfd.</b>         | : March 2025 |
| <b>Date of analysis</b> | : 21/03/25                      | <b>Exp.</b>         | : Feb. 2030  |

| S.R | Test                | Specification         | Observation           |
|-----|---------------------|-----------------------|-----------------------|
| 1   | Description         | Red coloured powder . | Red coloured powder . |
| 2   | Assay               | 97.0 - 100.5%         | 98.32%                |
| 3   | Relative absorption |                       |                       |
|     | A361nm/278nm        | 1.70 – 1.90           | 1.83                  |
|     | A361nm/550nm        | 3.15 – 3.40           | 3.20                  |
| 4   | Loss on drying      | 12 % max.             | 2.6%                  |

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

**[Tested By]**



**CHEMIST  
(Ruchi)**



**[QC Incharge]**



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

**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., Kulgaon, Badlapur (E), Dist.-Thane-421 503.