

## CERTIFICATE OF ANALYSIS

**PRODUCT NAME : HYDROXY PROPYL METHYL CELLULOSE  
HPMC E 5 LV PREMIUM**

**CAS No : 9004-65-3**  
**Date of analysis : 05/05/25**  
**Mfd. : May 2025**

**Product code : 14955**  
**Batch No : MCR-33899**  
**Exp. : April 2030**

| S.R | Test                      | Specification                                                     | Observation                |
|-----|---------------------------|-------------------------------------------------------------------|----------------------------|
| 1   | Description               | White to slightly off white fibrous or granular powder or powder. | Slightly off white powder. |
| 2   | Apparent viscosity 2% w/w | 4 - 6 cps                                                         | 5 cps                      |
| 3   | Residue on ignition       | 1.0% max                                                          | 0.11%                      |
| 4   | Arsenic (As)              | 0.0003% max                                                       | <0.0003%                   |
| 5   | Heavy metals (Pb)         | 0.001% max                                                        | <0.001%                    |
| 6   | Methoxy                   | 28.0 – 30.0 %                                                     | 28.8%                      |
| 7   | Hydroxypropoxy            | 7.0 – 12.0 %                                                      | 8.9%                       |
| 8   | Loss on drying            | 10.0% max                                                         | 0.52%                      |

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

**[Tested By]**



**CHEMIST  
(Pratiksha. P)**



**[QC Incharge]**



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

**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.**