

## CERTIFICATE OF ANALYSIS

**PRODUCT NAME :  $\beta$  - CYCLODEXTRIN**

**CAS No : 7585-39-9**  
**Mol. Formula : C<sub>42</sub>H<sub>70</sub>O<sub>35</sub>**  
**Mol. WT : 1134.98**  
**Date of analysis : 24/08/24**

**Product code : 14005**  
**Batch No : MCR-31785**  
**Mfd. : Aug. 2024**  
**Exp. : July 2029**

S. R	Test	Specification	Observation
1	Description	White powder	White powder.
2	Assay	98% min	99.82%
3	Specific rotation $[\alpha]^{20}_D$ (C = 1.5, H <sub>2</sub> O)	+ 159 <sup>0</sup> to + 165 <sup>0</sup>	+ 160.62 <sup>0</sup>
4	Water (by KF)	10 – 15%	13.63%

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

**[Tested By]**



**CHEMIST  
(Akash)**

**[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.**