

## CERTIFICATE OF ANALYSIS

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

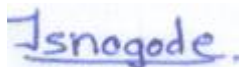
**CAS No : 7585-39-9**  
**Mol. Formula : C<sub>42</sub>H<sub>70</sub>O<sub>35</sub>**  
**Mol. WT : 1134.98**  
**Date of analysis : 01/07/24**

**Product code : 14005**  
**Batch No : MCR-29515-01**  
**Mfd. : July 2024**  
**Exp. : June 2029**

S. R	Test	Specification	Observation
1	Description	White powder	White powder.
2	Assay	98% min	99.20%
3	Specific rotation $[\alpha]^{20}_D$ (C = 1.5, H <sub>2</sub> O)	+ 159 <sup>0</sup> to + 165 <sup>0</sup>	+ 159.98 <sup>0</sup>
4	Water (by KF)	10 – 15%	11.93%

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

**[Tested By]**



**CHEMIST  
(Jyoti)**

**[QC Incharge]**



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

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