



CERTIFICATE OF ANALYSIS

PRODUCT NAME : β - CYCLODEXTRIN

| | | | |
|-------------------------|---|---------------------|---------------------|
| CAS No | : 7585-39-9 | Product code | : 14005 |
| Mol. Formula | : C₄₂H₇₀O₃₅ | Batch No | : MCR-22233 |
| Mol. WT | : 1134.98 | Mfd. | : Oct. 2020 |
| Date of analysis | : 21/10/20 | Exp. | : Sept. 2025 |

| S. R | Test | Specification | Observation |
|------|---|--|--------------------|
| 1 | Description | White powder | White powder. |
| 2 | Assay | 98% min | 99.90% |
| 3 | Specific rotation $[\alpha]^{20}_D$ (C = 1.5, H₂O) | + 159 ⁰ to + 165 ⁰ | + 162 ⁰ |
| 4 | Water (by KF) | 10 – 15% | 12.86% |

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]

[QC Incharge]

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

Note: Computer generated image requires no sign.

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