



## CERTIFICATE OF ANALYSIS

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

**CAS No : 7585-39-9**

**Mol. Formula :  $C_{42}H_{70}O_{35}$**

**Mol. WT : 1134.98**

**Date of Analysis : 22/10/19**

**Product code : 14005**

**Batch No : MCR-19854**

**Mfd. : Oct. 2019**

**Exp. : Sept. 2024**

S. R	Test	Specification	Observation
1	<b>Description</b>	White powder	White powder.
2	<b>Assay</b>	98% min	98.28%
3	<b>Specific rotation <math>[\alpha]^{20}_D</math> (C = 1.5, H<sub>2</sub>O)</b>	+ 159 <sup>0</sup> to + 165 <sup>0</sup>	+ 163.3 <sup>0</sup>
4	<b>Water (by KF)</b>	10 – 15%	11.6%

**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.