



## CERTIFICATE OF ANALYSIS

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

<b>CAS No</b>	<b>: 7585-39-9</b>	<b>Product code</b>	<b>: 14005</b>
<b>Mol. Formula</b>	<b>: C<sub>42</sub>H<sub>70</sub>O<sub>35</sub></b>	<b>Batch No</b>	<b>: MCR-19160</b>
<b>Mol. WT</b>	<b>: 1134.98</b>	<b>Mfd.</b>	<b>: July 2019</b>
<b>Date of Analysis</b>	<b>: 14/07/19</b>	<b>Exp.</b>	<b>: June 2024</b>

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>	+ 162.52 <sup>0</sup>
4	<b>Water (by KF)</b>	10 – 15%	12.82%

**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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