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## CERTIFICATE OF ANALYSIS

Analysis Date: Jun 2022

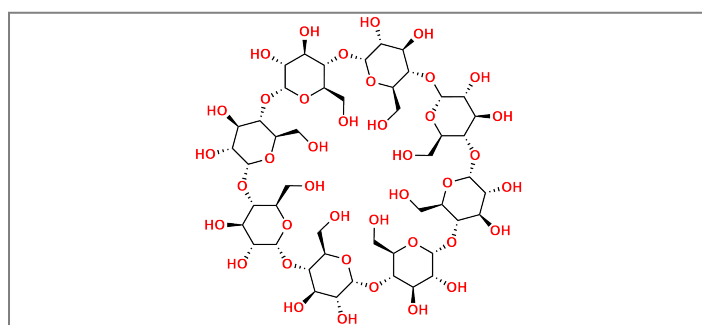
Re-test Date: May 2025

**Product Name: Gamma-Cyclodextrin**

### Identification:

Chemical Name: 2,4,7,9,12,14,17,19,22,24,27,29,32,34,37,39-Hexadecaaxanonyclo[36.2.2.23,6.28,11.213,16.218,21.223,26.228,31.233,36]hexapentacontane,  $\gamma$ -cyclodextrin derivative

Synonyms : NA  
CAS Number : 17465-86-0  
CAT Number : CP-C118003  
Molecular Formula : C<sub>48</sub>H<sub>80</sub>O<sub>40</sub>  
Molecular Weight : 1297.13  
Batch Number : CHEM-CYC-GAMMA



Storage Condition : Tightly closed, Inert atmosphere at 2 to 8° C  
Shipping condition : All Products are stable to be shipped at room temperature, if specific condition required it is mention in the COA

### Analytical Information:

Sr. No.	Test	Result
1)	Description	White Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By NMR	98%
5)	H1NMR	Confirm to structure
6)	13CNMR	Confirm to structure



**Prepared and Reviewed By**

Ms Priyanka Salunkhe  
(Manager QC Analytical)

**Approved By**

Ms Rohini Gagare  
(QA Head)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.