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## CERTIFICATE OF ANALYSIS

Analysis Date:

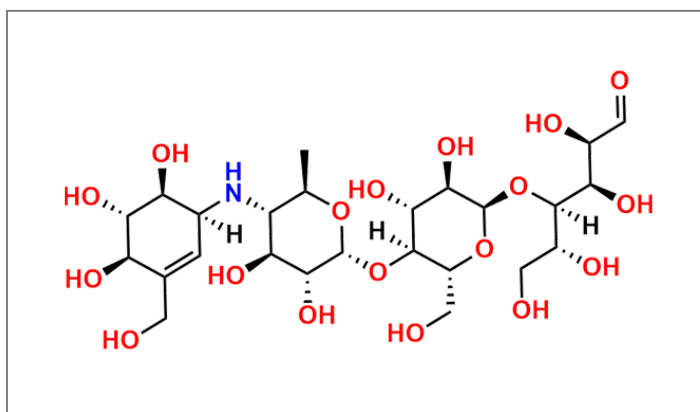
Re-test Date:

**Product Name: Acarbose (In House Standard)**

### Identification:

Chemical Name: O-4,6-Dideoxy-4-[[[(1S,4R,5S,6S)-4,5,6-trihydroxy-3-(hydroxymethyl)cyclohex-2-enyl]amino]- $\alpha$ -d-glucopyranosyl-(1 $\rightarrow$ 4)-O- $\alpha$ -d-glucopyranosyl-(1 $\rightarrow$ 4)-d-glucopyranose (as per EP)

Synonyms : NA  
CAS Number : 56180-94-0  
CAT Number : CP-A40000  
Molecular Formula : C<sub>25</sub>H<sub>43</sub>N<sub>1</sub>O<sub>18</sub>  
Molecular Weight : 645.60



### Analytical Information:

Sr. No.	Test	Result
1)	Description	Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	>98%
5)	H1NMR	Confirm to structure
6)	Weight loss by TGA	-
7)	Potency by TGA	-

**Prepared and Reviewed By**

**Approved By**




Ms Priyanka Salunkhe  
(Manager QC Analytical)



Ms Rohini Gagare  
(QA Head)

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