

Registered Address: Chemicea Pharmaceuticals Pvt Ltd, Platinum Springs,  
Unit No- A- 205&206 Second floor, Plot No: G-6, G-20 to G 24, Taloja- MIDC, Opp. Dena Bank  
Navi Mumbai 410208, MH, INDIA. Email- [info@chemicea.com](mailto:info@chemicea.com) Mob- +91 9284897978

## CERTIFICATE OF ANALYSIS

Analysis Date:

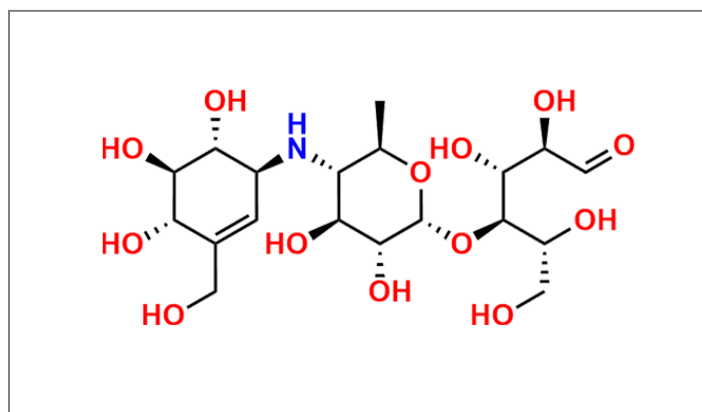
Re-test Date:

**Product Name: Acarbose EP Impurity D**

### Identification:

Chemical Name: 4-O-[4-[[[(1S)-4 $\beta$ ,5 $\alpha$ ,6 $\beta$ -Trihydroxy-3-(hydroxymethyl)-2-cyclohexen-1 $\beta$ -yl]amino]-4,6-dideoxy- $\alpha$ -D-glucopyranosyl]-D-glucose

Synonyms : NA  
CAS Number : 68128-53-0  
CAT Number : CP-A40004  
Molecular Formula : C<sub>19</sub>H<sub>33</sub>N<sub>1</sub>O<sub>13</sub>  
Molecular Weight : 483.47



### 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	>95%
5)	H1NMR	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.