

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:

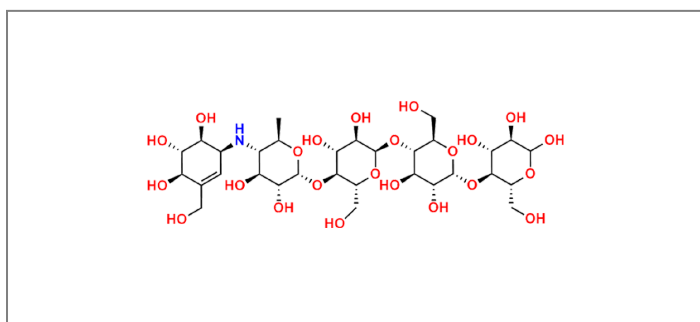
Re-test Date:

**Product Name: Acarbose EP Impurity F**

### 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)-O- $\alpha$ -d-glucopyranosyl-(1 $\rightarrow$ 4)-d-glucopyranose (as per EP & USP)

Synonyms : NA  
CAS Number : NA  
CAT Number : CP-A40011  
Molecular Formula : C<sub>31</sub>H<sub>53</sub>N<sub>2</sub>O<sub>23</sub>  
Molecular Weight : 807.7



### 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.