

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 Mob- +91 9284897978

CERTIFICATE OF ANALYSIS

Analysis Date: May 2026

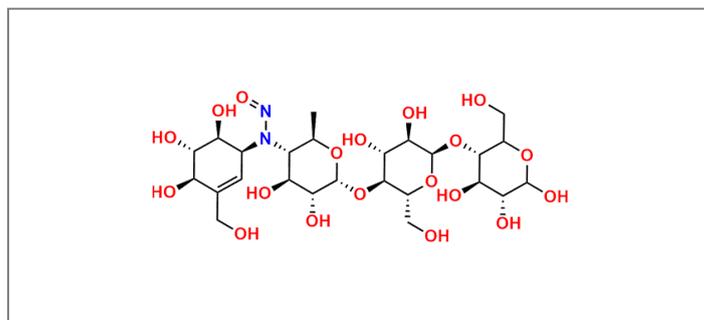
Re-test Date: Apr 2029

Product Name: N-Nitroso Acarbose

Identification:

Chemical Name: N-((2R,3S,4S,5R,6R)-6-(((2R,3S,4R,5R,6R)-4,5-dihydroxy-2-(hydroxymethyl)-6-(((3S,4R,5R)-4,5,6-trihydroxy-2-(hydroxymethyl)tetrahydro-2H-pyran-3-yl)oxy)tetrahydro-2H-pyran-3-yl)oxy)-4,5-dihydroxy-2-methyltetrahydro-2H-pyran-3-yl)-N-((1S,4R,5S,6S)-4,5,6-trihydroxy-3-(hydroxymethyl)cyclohex-2-en-1-yl)nitrous amide

Synonyms : NA
CAS Number : NA
CAT Number : CP-A40009
Molecular Formula : C₂₅H₄₂N₂O₁₉
Molecular Weight : 674.60
Batch Number : CP-ACA-NIT-0625
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 | Light Brown Highly Hygroscopic Solid |
| 2) | Solubility | Soluble in Methanol/D2O |
| 3) | MASS By LCMS | Confirm to structure |
| 4) | Purity By HPLC | 99.78% |
| 5) | ¹ HNMR | Confirm to structure |
| 6) | IR | Confirm to Structure |
| 7) | Weight loss by TGA | 2.912 % |
| 8) | Potency by TGA | 96.87% |



Prepared and Reviewed By



Mr. Shubham Bondre
(Quality Control)

Approved By



Mr. Abhijit Kale
(Quality Assurance)

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