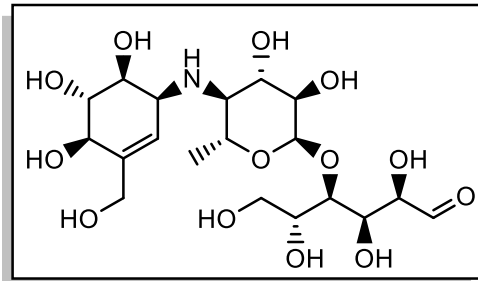


## CERTIFICATE OF ANALYSIS

<b>Product Name</b>	<b>Acarbose EP Impurity D</b>
<b>Synonyms</b>	(2R,3R,4R,5R)-4-(((2R,3R,4S,5S,6R)-3,4-dihydroxy-6-methyl-5-(((1S,4R,5S,6S)-4,5,6-trihydroxy-3-(hydroxymethyl)cyclohex-2-en-1-yl)amino)tetrahydro-2H-pyran-2-yl)oxy)-2,3,5,6-tetrahydroxyhexanal

Analytical Method		Molecular Structure
Batch No.		
CAS No.	68128-53-0	
Molecular Formula	C19H33NO13	
Molecular Weight	483.46	
Shipping Conditions	To be shipped under ambient temperature	
Storage Conditions	For long term storage, keep at 2-8°C	
Origin of Product	Synthetic	
Catalogue No.		
Directions For Use	Do not dry, use as it as	
Solubility	DMSO	

S.No.	Test	Results	Specification
1	Description		
2	Purity (By HPLC area %)		NLT 95.00
3	LOD (Loss of solvent and water upto 105°C by TGA)		
4	Potency (mass balance basis)		
5	IR	Complies	Should complies with str.
6	MASS	Complies	Should complies with mol. wt.
7	NMR	Complies	Should complies with str.

<b>Analysis Date</b>		<b>Retest Date</b>	
<b>Concerns</b>	All characterization data attached herewith for your review and any concern to be taken within 60 days from dispatch of material for better understanding.		

**Material is for Laboratory testing purpose only, not for human consumption.**

Disclaimer: Supplied Raw Material, Intermediates, Impurity or metabolite of API are covered by patents are not offered to the countries where valid Patent Law is in force. However, it is the buyer's responsibility to verify position in the country of intended use. The final responsibility lies with customer.

<b>Prepared By</b>		<b>Reviewed by</b>		<b>Approved by</b>	
<b>Sign. &amp; Date</b>		<b>Sign. &amp; Date</b>		<b>Sign. &amp; Date</b>	

**Deals in:** Impurity Standards | Technology Development | CRAMS | IP Services

**Cbs:** Customer by Satisfaction

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