

## Product Datasheet

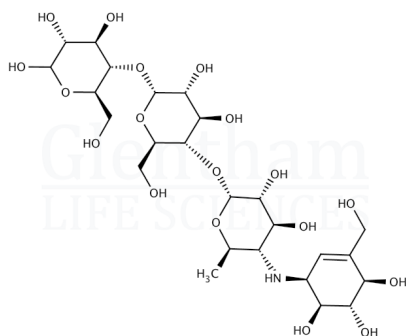
### GC9000 - Acarbose, EP grade

#### Product Details

Product Name	Acarbose, EP grade
Glentham Code	GC9000
CAS Number	56180-94-0
EINECS	260-030-7
MDL-Nummer	MFCD00869592
Related Categories	APIs, Carbohydrates, Biochemicals

#### Structure

Molecular Weight	: 645.61
Molecular Formula	: C <sub>25</sub> H <sub>43</sub> NO <sub>18</sub>



Impurities F, G	: ≤ 0.3%
Any Other Individual Impurity	: ≤ 0.2%
Total Impurities	: ≤ 3.0%
Water	: ≤ 4.0%
Sulphated Ash	: ≤ 0.2%
Assay (HPLC)	: 95.0 - 102.0 % (anhydrous basis)
Impurity E	: ≤ 0.2%
Impurity D	: ≤ 1.0%
Identification	: B: According to EP
Solubility (5% in water)	: Clear, colourless to pale yellow solution
pH (5% in water)	: 5.5 - 7.5
Specific Optical Rotation	: +168 - +183 ° (c=1, water, anhydrous)
Absorbance	: ≤ 0.15 (at 415nm)
Impurity A	: ≤ 0.6%
Impurity B	: ≤ 0.5%
Impurity C	: ≤ 1.5%
Pharmacopoeia Specification(s)	: EP
Identification (IR)	: (Test A) To conform to standard
Version	: v1.1

#### About Acarbose, EP grade

No further details on record.

#### Storage

Recommended storage temperature: +20°C.

#### Hazards and Transport

Not classified as hazardous under CLP.  
Not classified as dangerous for transport.

#### Glentham Product Specification

Physical Description : White to light-yellow powder

This document was generated electronically and is therefore valid without signature. © Glentham Life Sciences Ltd, 2025