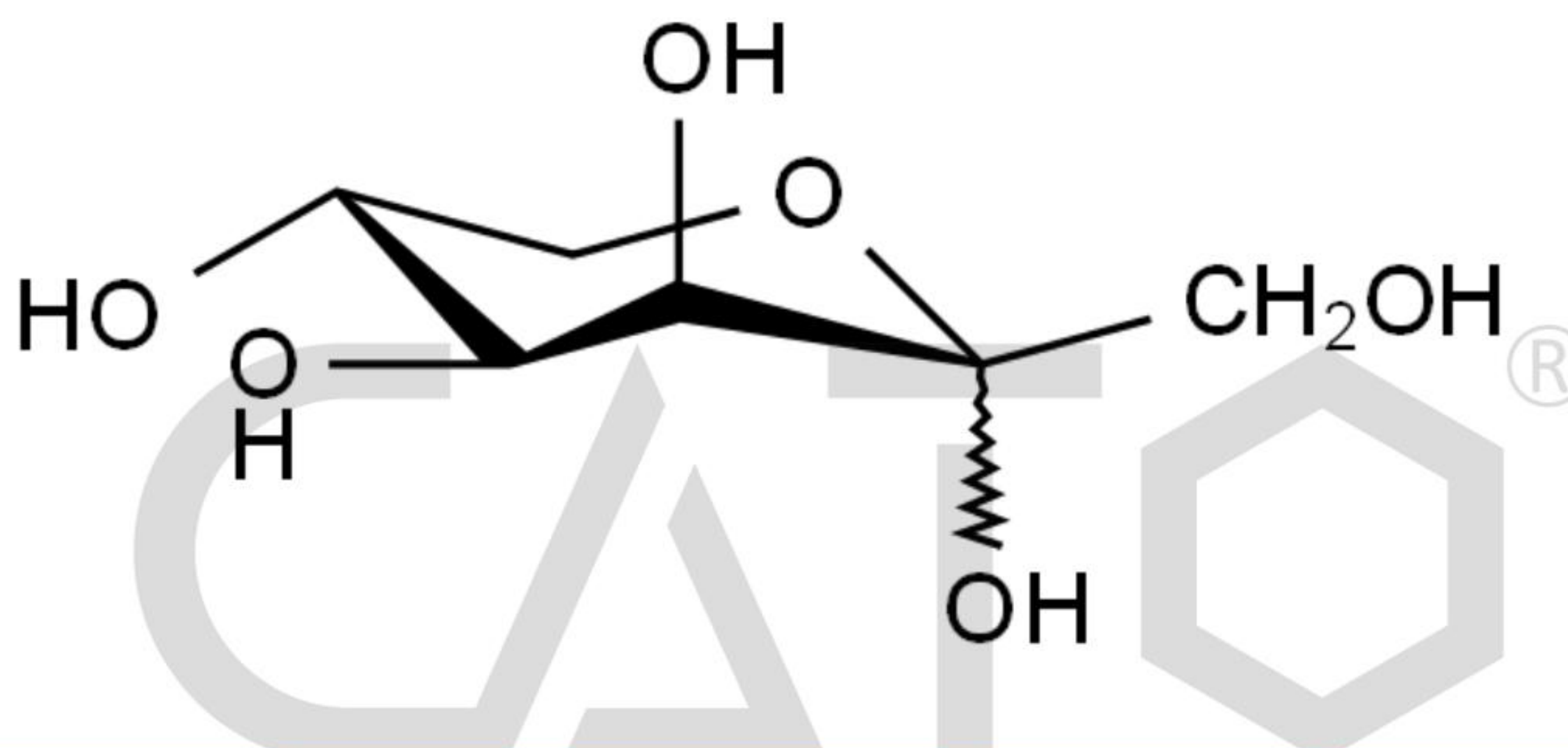


Certificate of Analysis

Reference Material & Standard

Product Name:	D-Tagatose	Catalogue Number:	C3D-3404
Synonyms:	N/A	Lot Number:	1120-RG-0084
CAS Number:	87-81-0	Expiry Date:	Nov 25, 2029
Molecular Formula:	C ₆ H ₁₂ O ₆	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	180.16	Shipping Condition:	Shipping at Room Temperature

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&CNMR&HNMR	Confirmed
Purity	ELSD	99.811%
Residue on Ignition	TGA	0.3010%
Loss on Drying	TGA	0.0608%
Assay		99.4%

Comment:

The calculation of the mass balance method follows the formula (calculated on the non-dried basis):

Assay (%) = (100% - Residue on Ignition - Loss on Drying) * Purity ELSD (%) / 100%

Residue on Ignition and Loss on Drying are considered as absolute effect, ELSD purity is considered as relative effect.

Signature:

Prepared by:

Koi

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Apr 07, 2026

Date: Apr 07, 2026

Date: Apr 07, 2026



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