

Certificate of Analysis

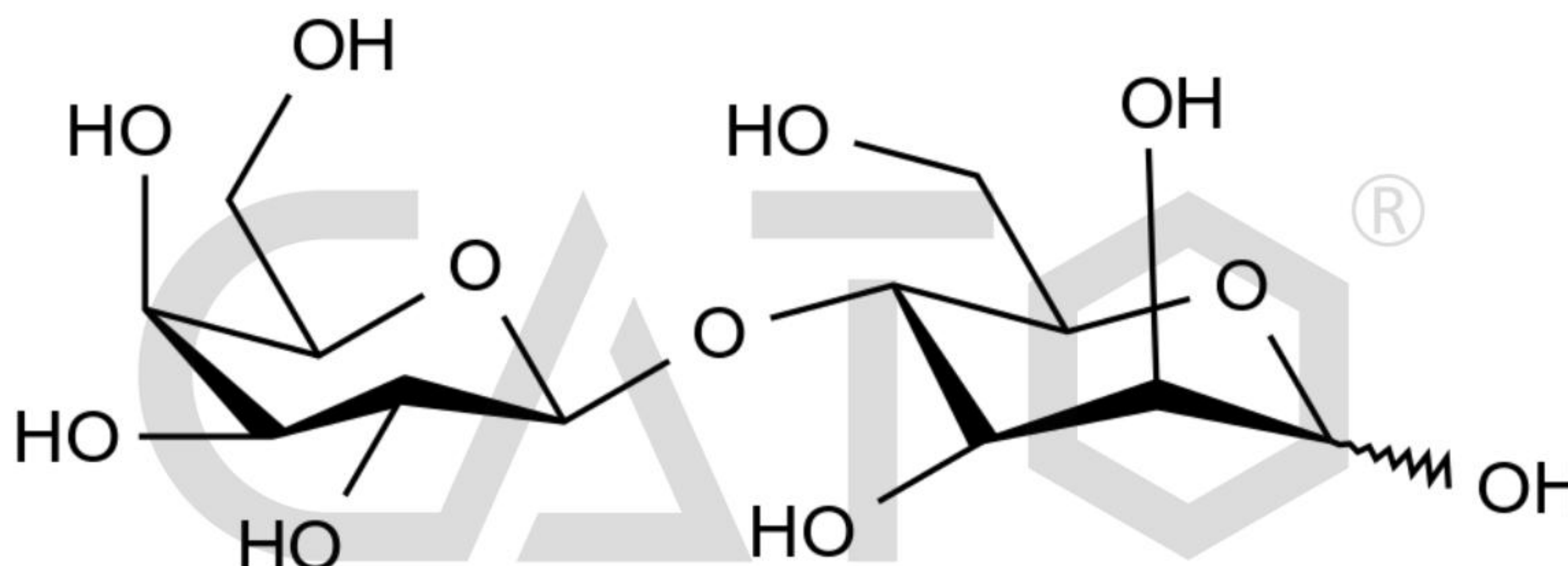
Reference Material & Standard

Product Name:	Epilactose	Catalogue Number:	C4X-22983
Synonyms:	4-O-β-Galactopyranosyl-D-mannopyranoside	Lot Number:	0527-RH-0090
CAS Number:	20869-27-6	Expiry Date:	May 31, 2030
Molecular Formula:	C ₁₂ H ₂₂ O ₁₁	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	342.30	Shipping Condition:	Shipping with Ice Packs

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&CNMR&HNMR	Confirmed
Purity	ELSD	100.000%
Loss on Drying	TGA	0.8173%
Assay		99.2%

Comment:

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

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

Loss on Drying is considered as absolute effect, ELSD purity is considered as relative effect.

Signature:

Prepared by:

Koi

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Jun 22, 2026

Date: Jun 23, 2026

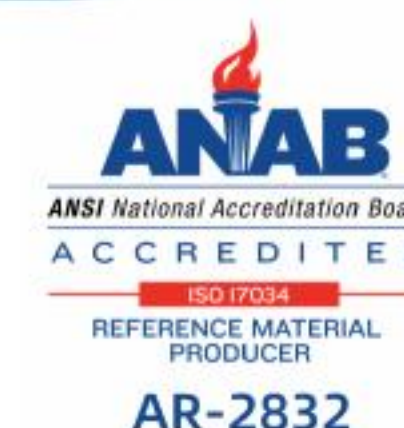
Date: Jun 23, 2026

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