

Certificate of Analysis

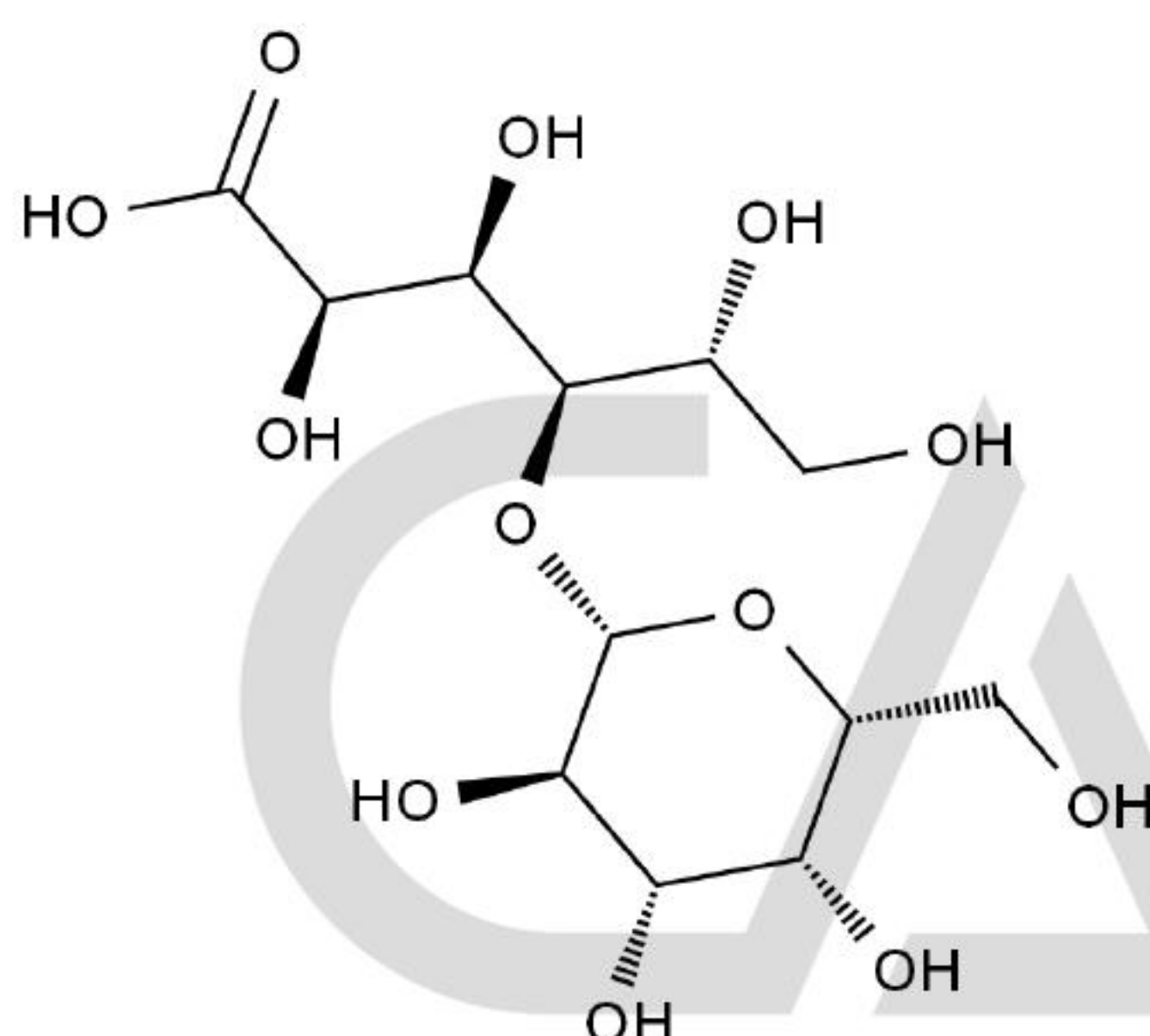
Reference Material & Standard

Product Name:	Lactobionic Acid	Catalogue Number:	CCFD201159
Synonyms:	N/A	Lot Number:	1219-RF-0001
CAS Number:	96-82-2	Expiry Date:	Jan 09, 2029
Molecular Formula:	C ₁₂ H ₂₂ O ₁₂	Storage:	Room Temp Protected from light and Sealed
Molecular Weight:	358.30	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&CNMR&HNMR	Confirmed
Purity	HPLC	99.6%
Assay	qNMR	84.8%
Uncertainty		±2.0%

Comment:

1. Assay was determined by quantitative ¹H-NMR.
2. The uncertainty values are the expanded uncertainty and represent an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of K=2 is chosen using approximately a 95% confidence level.

Signature:

Prepared by:

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Reviewed by:

Lisa

Approved by General Manager:

David

Date: Jan 13, 2025

Date: Jan 14, 2025

Date: Jan 14, 2025



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