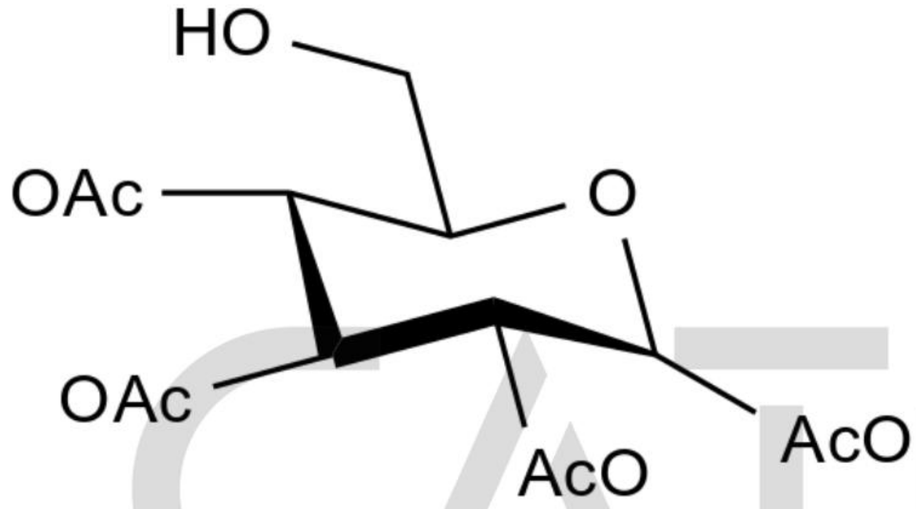
Certificate of Analysis

Reference Material

Product Name:	1,2,3,4-Tetra-O-acetyl-beta-D-glucopyranose	**Catalogue Number:**	CCFD201446
Chemical Name:	N/A	**Lot Number:**	1207-RD-0016
CAS Number:	13100-46-4	**Expiry Date:**	Dec 29, 2026
Molecular Formula:	C14H20O10	**Storage:**	-20°C±5°C Protected from light and Sealed
Molecular Weight:	348.30		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Powder
Identification	LCMS&HNMR	Confirmed
Assay	qNMR	98.2%
Uncertainty		±2.0%

CATO Research Chemicals Inc.

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: Debra Date: Dec 30, 2022

Reviewed by: Lisa Date: Dec 30, 2022

Aporoved by General manager: David Date: Dec 30, 2022

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