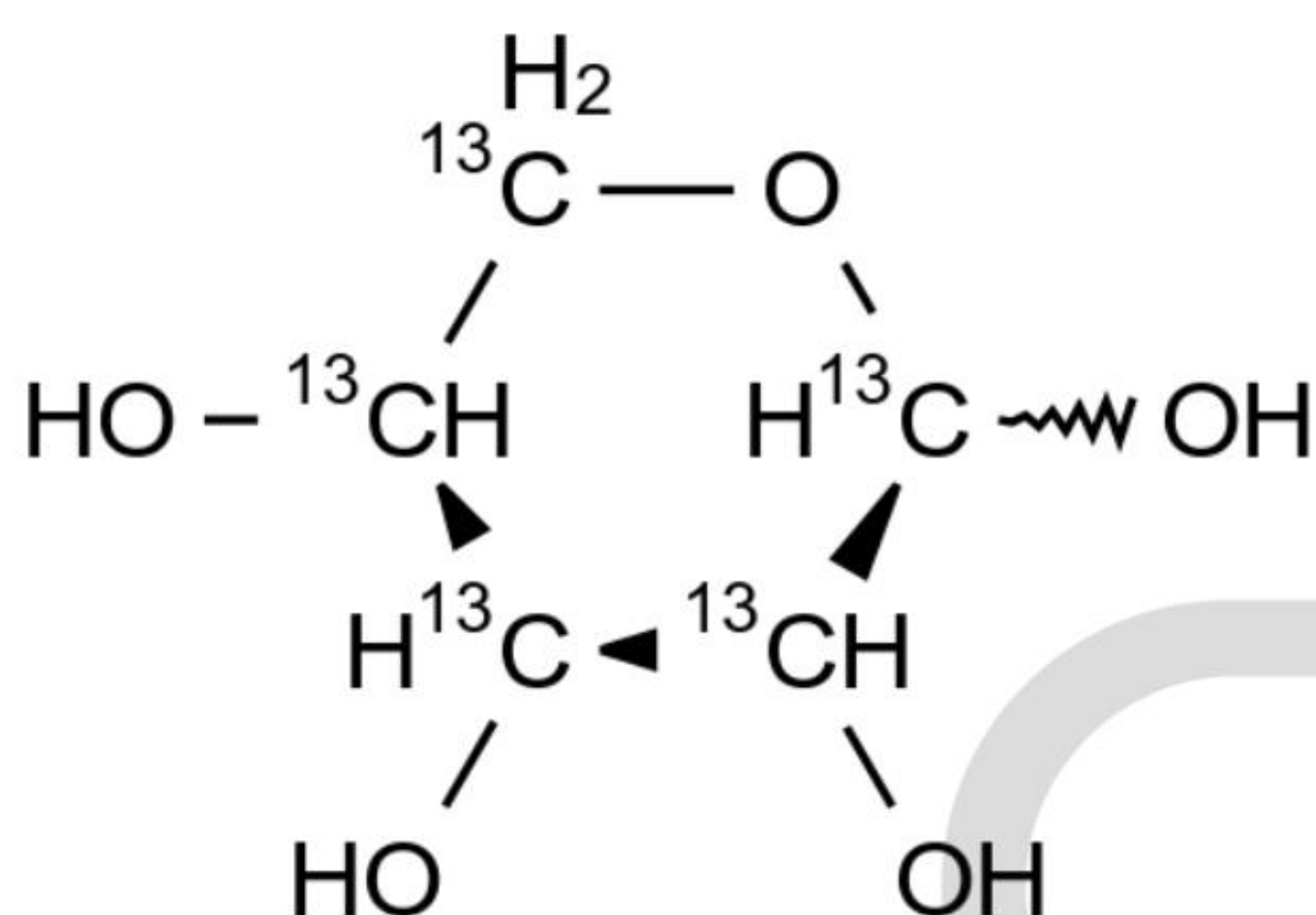


Certificate of Analysis

Reference Material & Standard

Product Name:	[13C5]-D-arabinose	Catalogue Number:	CCFD202049
Synonyms:	N/A	Lot Number:	0706-RE-0007
CAS Number:	N/A	Expiry Date:	Sep 11, 2025
Molecular Formula:	[13C]5H10O5	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	155.09		
Chemical Structure:			



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	CNMR&HNMR	Confirmed
Chemical Purity	HPLC	100.0%
Isotopic Purity		99.0%
Uncertainty		±2.0%

Comment:

1. No chromatogram available.
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: 余桂敏

Reviewed by: *Hin Lam*

Aporoved by General Manager: *David*

Date: Jul 07, 2023

Date: Jul 07, 2023

Date: Jul 07, 2023

