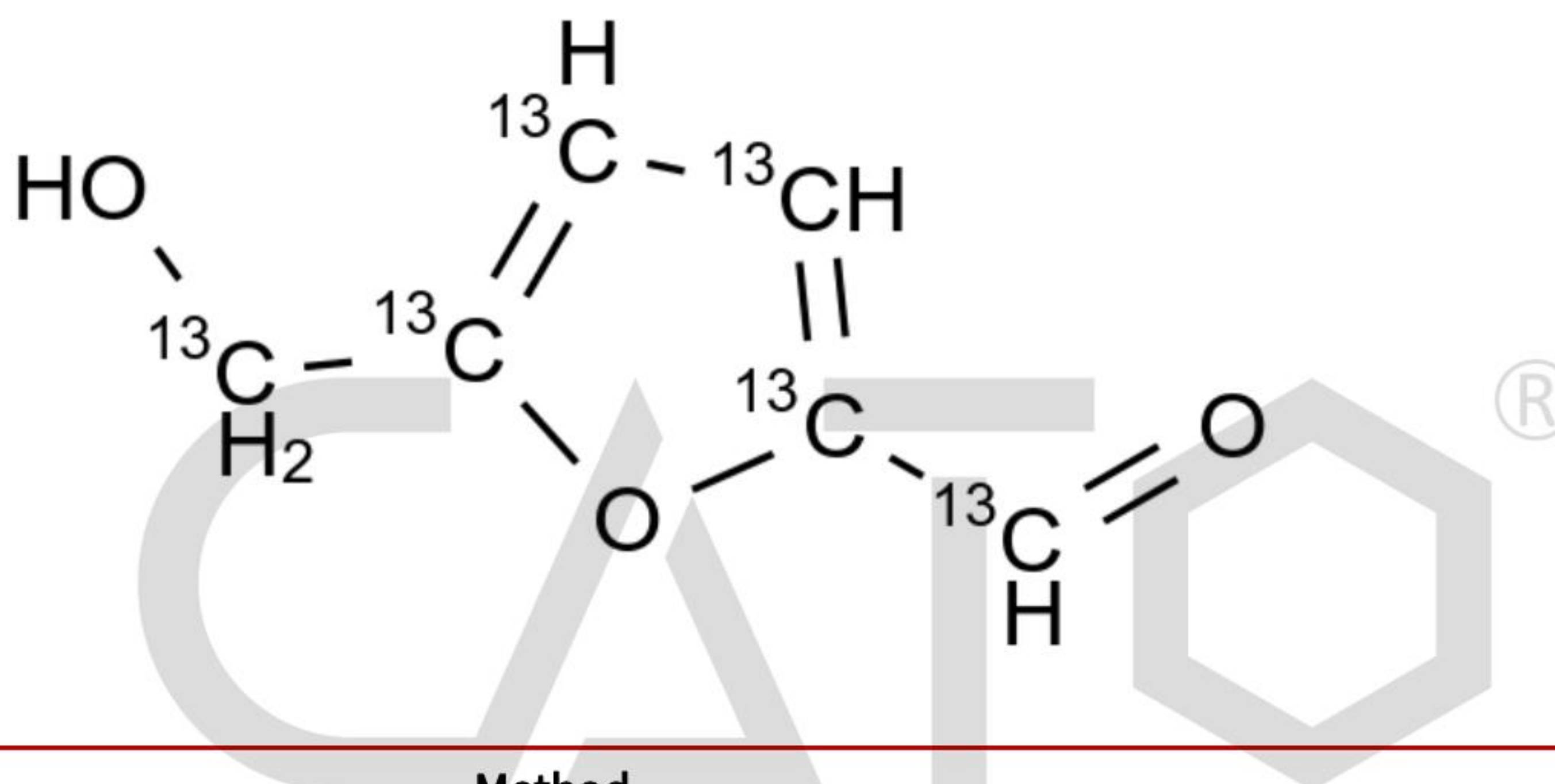


Certificate of Analysis

Reference Material & Standard

Product Name:	5-Hydroxymethyl-2-furaldehyde-13C6	Catalogue Number:	CCFD201409
Synonyms:	N/A	Lot Number:	1121-RE-0041
CAS Number:	1219193-98-2	Expiry Date:	Mar 18, 2025
Molecular Formula:	[13C]6H6O3	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	132.07		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Low-Melting Solid
Identification	LCMS&CNMR	Confirmed
Chemical Purity	GC	99.9%
Isotopic Purity		99.6%
Uncertainty		±2.0%

Comment:

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:

Lisa

Reviewed by:

Hinlam

Aporoved by General Manager:

David

Date: Nov 21, 2023

Date: Nov 22, 2023

Date: Nov 22, 2023

