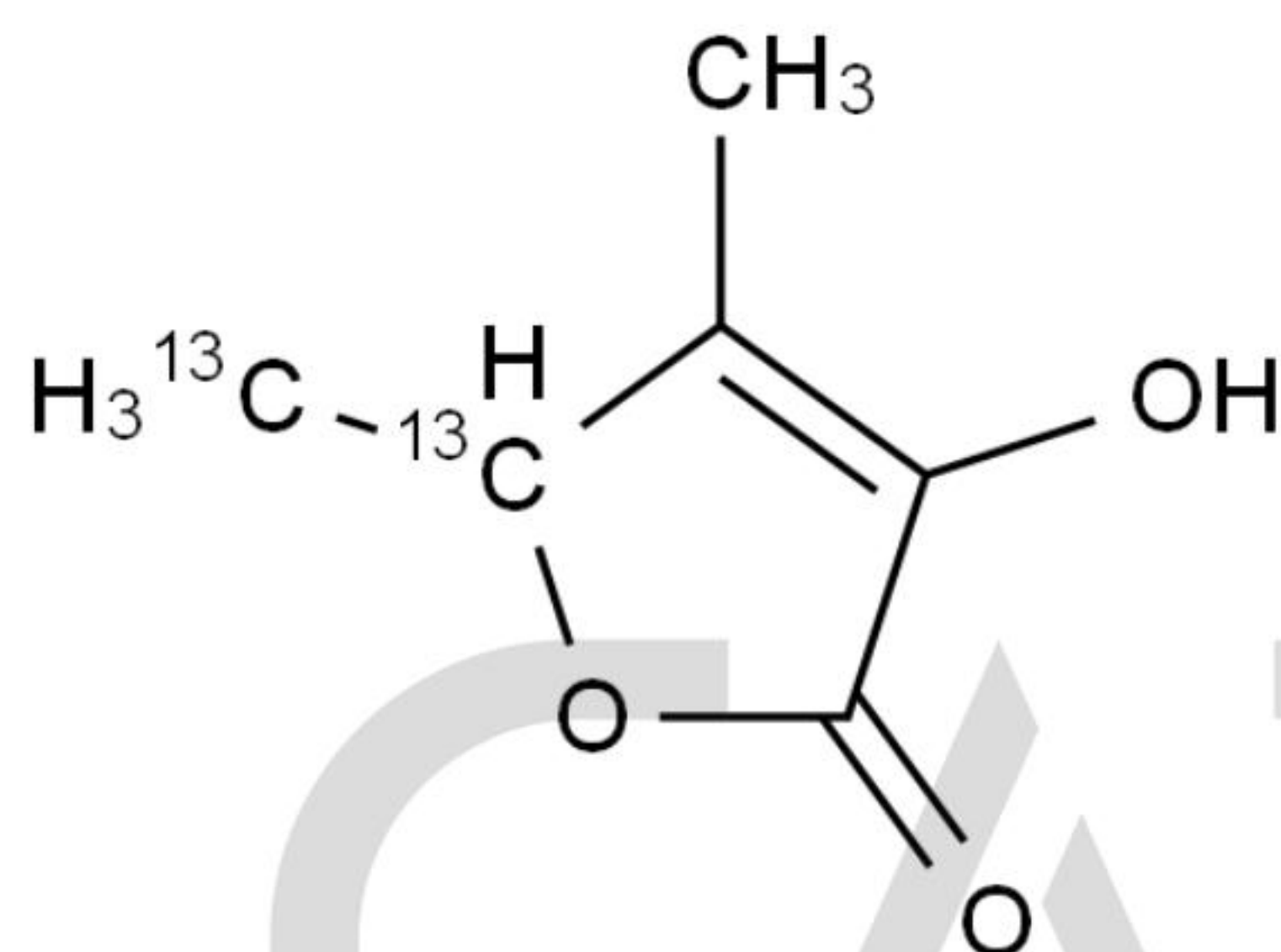


Certificate of Analysis

Reference Material

Product Name:	4,5-Dimethyl-3-hydroxy-2(5H)-furanone-13C2	Catalogue Number:	CCHM704615
Chemical Name:	N/A	Lot Number:	0902-RD-0055
CAS Number:	156420-66-5	Expiry Date:	Apr 14, 2025
Molecular Formula:	C4[13C]2H8O3	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	130.11		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Clear Colourless Oil
Identification	LCMS	Confirmed
Chemical Purity	GC	96.4%
Isotopic Purity		100.0%
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:

Xenia

Reviewed by:

Hinlam

Aporoved by General manager:

David

Date: Apr 12, 2021

Date: Sep 08, 2022

Date: Sep 08, 2022

