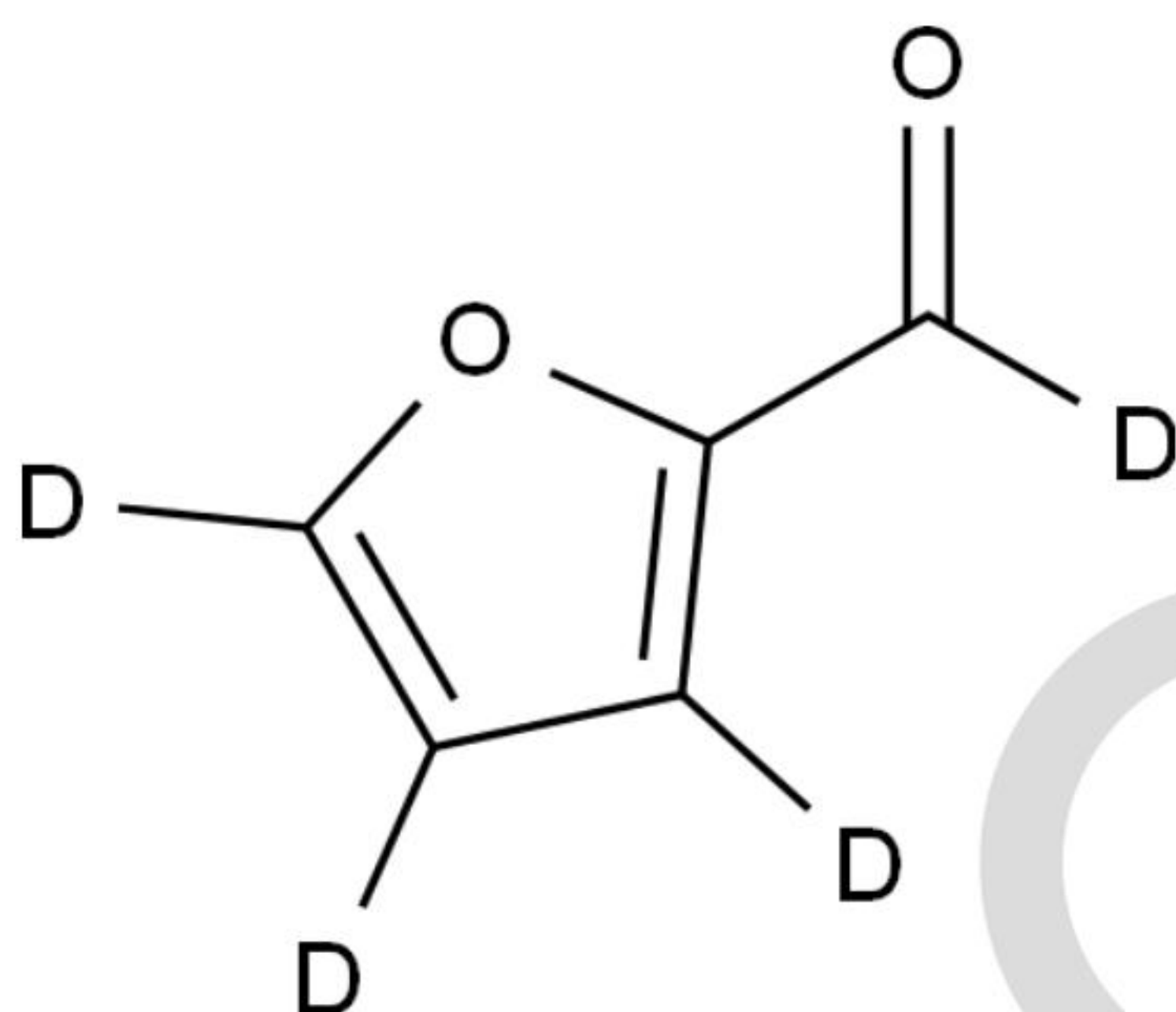


Certificate of Analysis

Reference Material & Standard

Product Name:	Furfural-d4	Catalogue Number:	CCFD201408
Synonyms:	N/A	Lot Number:	0715-RC-0009
CAS Number:	1219803-80-1	Expiry Date:	Jun 07, 2025
Molecular Formula:	C5D4O2	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	100.11		
Chemical Structure:			



Test Items	Method	Results
Appearance	Visual inspection	Yellow Liquid
Identification	HNMR	Confirmed
Chemical Purity	GC	99.8%
Isotopic Purity		99.4%
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:

Hin Lam

Reviewed by:

Debia

Approved by General Manager:

David

Date: Jun 08, 2021

Date: Jul 16, 2021

Date: Jul 16, 2021

