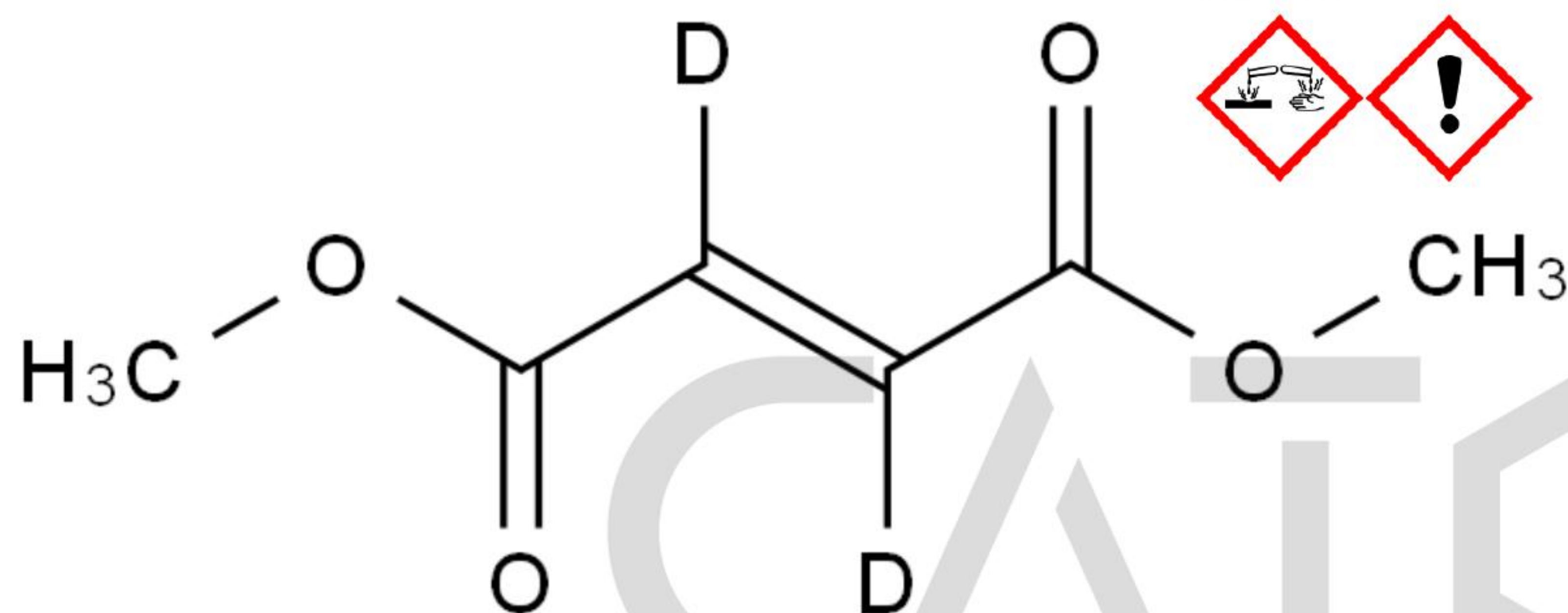


Certificate of Analysis

Reference Material & Standard

Product Name:	Dimethyl Fumarate-2,3-d2	Catalogue Number:	CCFD200453
Synonyms:	N/A	Lot Number:	0516-RE-0064
CAS Number:	23057-98-9	Expiry Date:	May 14, 2027
Molecular Formula:	C6H6D2O4	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	146.14		
Chemical Structure:			



Test Items	Method	Results
Appearance	Visual inspection	White Powder
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	97.6%
Assay	qNMR	97.5%
Uncertainty		±2.0%

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: 古雪

Reviewed by: *Hinlam*

Aporoved by General Manager:

David

Date: May 15, 2023

Date: May 16, 2023

Date: May 16, 2023

