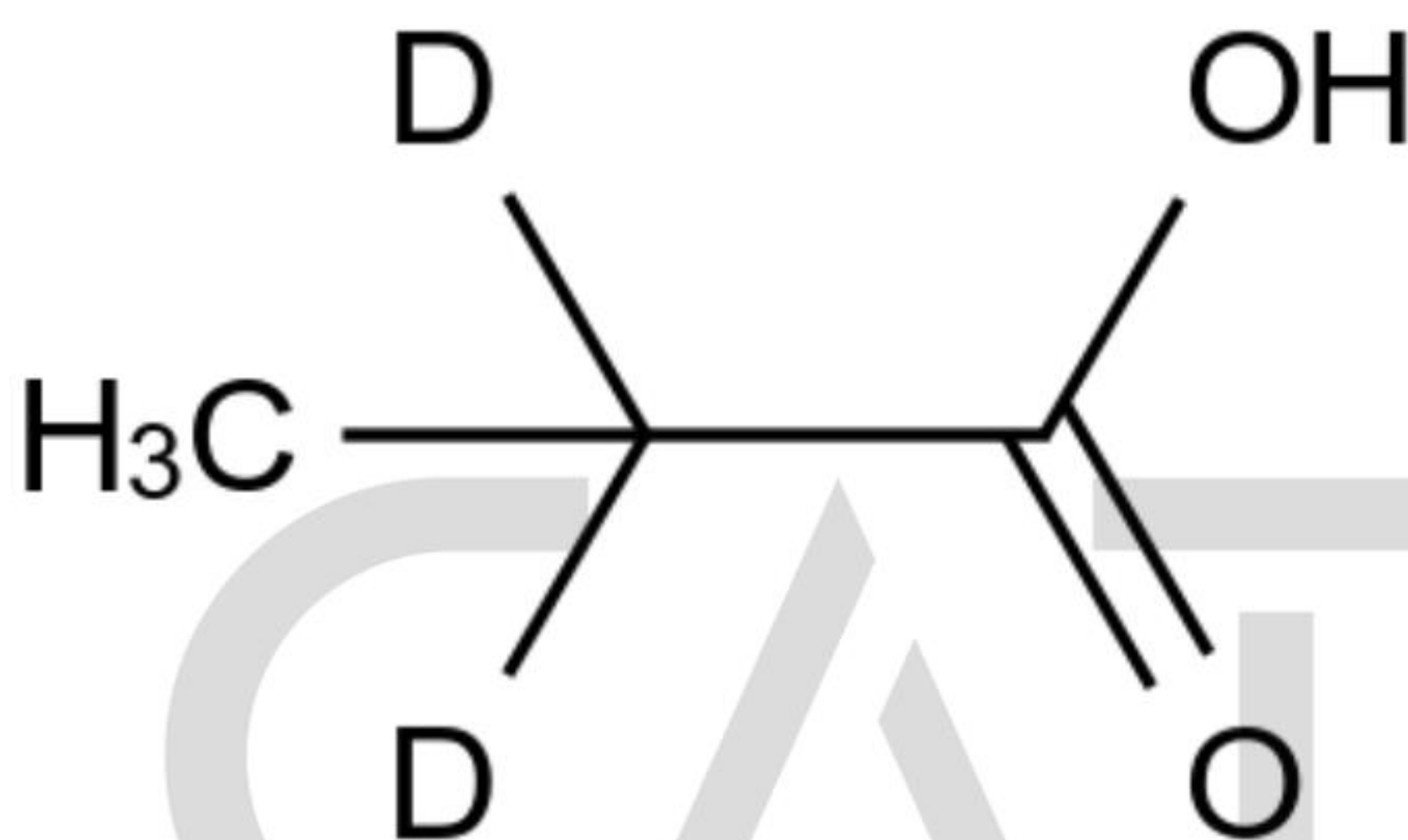


Certificate of Analysis

Reference Material & Standard

Product Name:	Propionic-2,2-d2 acid	Catalogue Number:	CCHM705788
Synonyms:	N/A	Lot Number:	0120-RG-0125
CAS Number:	19136-91-5	Expiry Date:	Jul 15, 2026
Molecular Formula:	C3H4D2O2	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	76.09	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Colourless Liquid
Chemical Purity	GC	98.8%
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:

Lisa

Reviewed by:

Hinlam

Approved by General Manager:

David

Date: Jan 21, 2025

Date: Jan 21, 2025

Date: Jan 21, 2025

