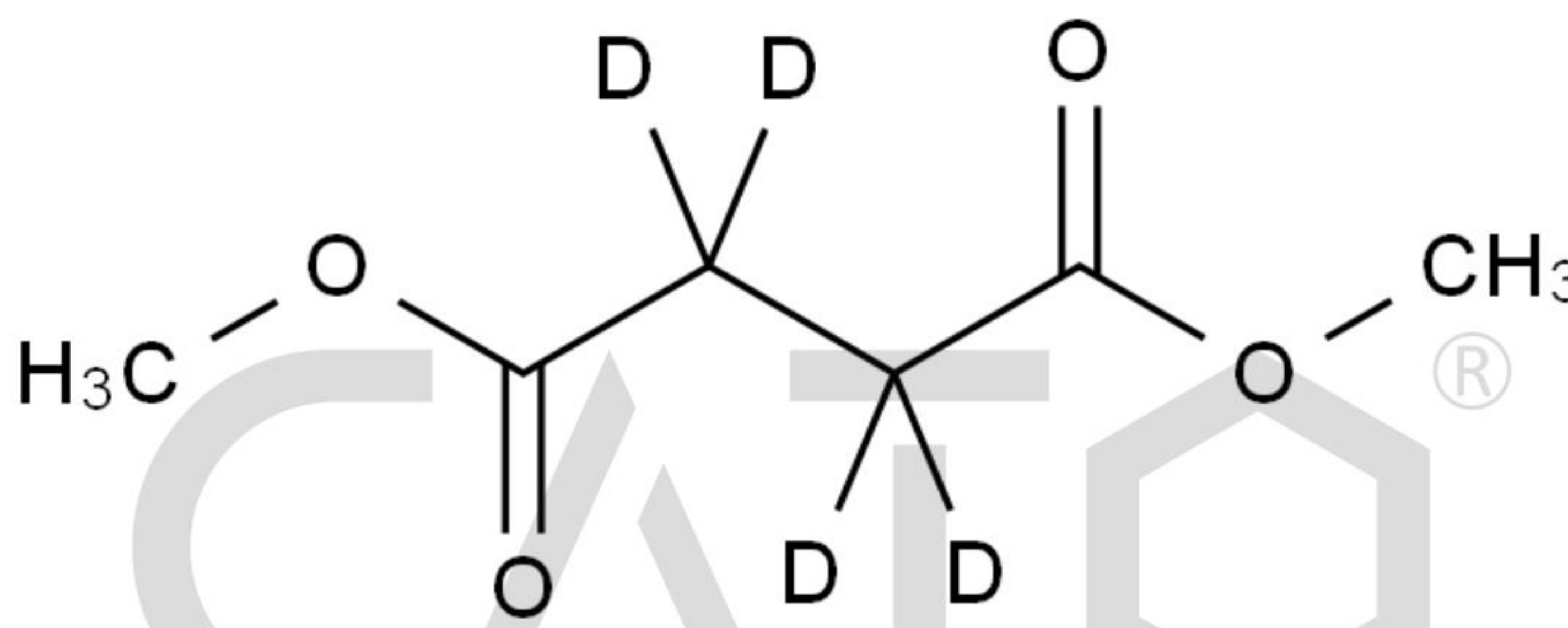


Certificate of Analysis

Reference Material & Standard

Product Name:	Dimethyl Succinate-d4	Catalogue Number:	CS307547
Synonyms:	N/A	Lot Number:	0423-RF-0034
CAS Number:	30994-23-1	Expiry Date:	Apr 10, 2030
Molecular Formula:	C6H6D4O4	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	150.17	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Colourless Oil
Identification	HNMR	Confirmed
Chemical Purity	GC	99.5%
Isotopic Purity		98.1%
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: Apr 26, 2024

Date: Apr 28, 2024

Date: Apr 28, 2024

