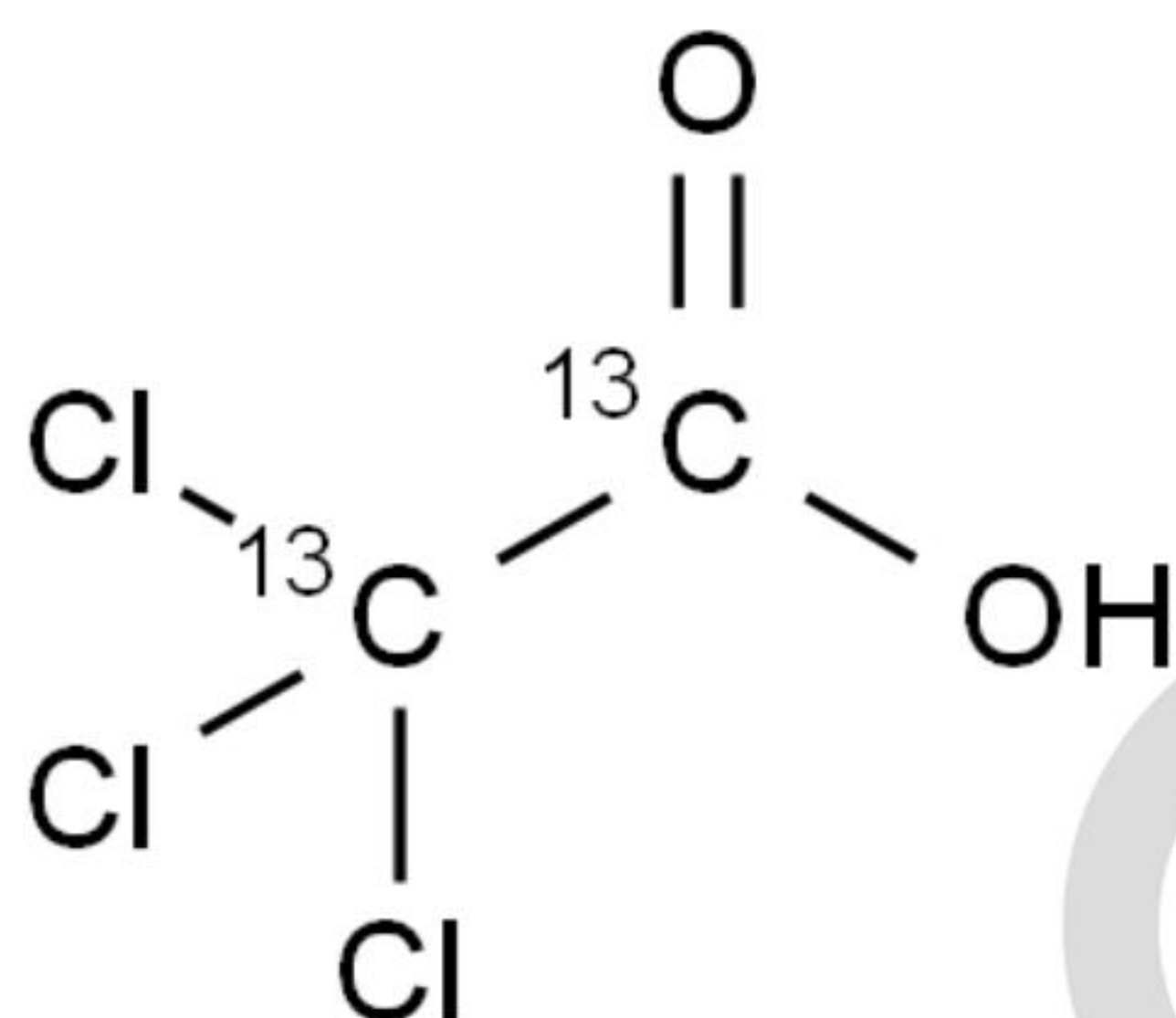


Certificate of Analysis

Reference Material & Standard

Product Name:	2,2,2-Trichloro-acetic Acid-13C2	Catalogue Number:	CCHM701895
Synonyms:	N/A	Lot Number:	0823-RE-0021
CAS Number:	165399-56-4	Expiry Date:	Jul 23, 2027
Molecular Formula:	[13C]2HCl3O2	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	165.37		
Chemical Structure:			



Test Items	Method	Results
Appearance	Visual inspection	Clear Colourless to Pale Brown Oil
Identification	LCMS&HNMR	Confirmed
Chemical Purity	HPLC	99.0%
Isotopic Purity		91.0%
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:

Lisa

Reviewed by:

Hin Lam

Aproved by General Manager:

David

Date: Aug 23, 2023

Date: Aug 24, 2023

Date: Aug 24, 2023

