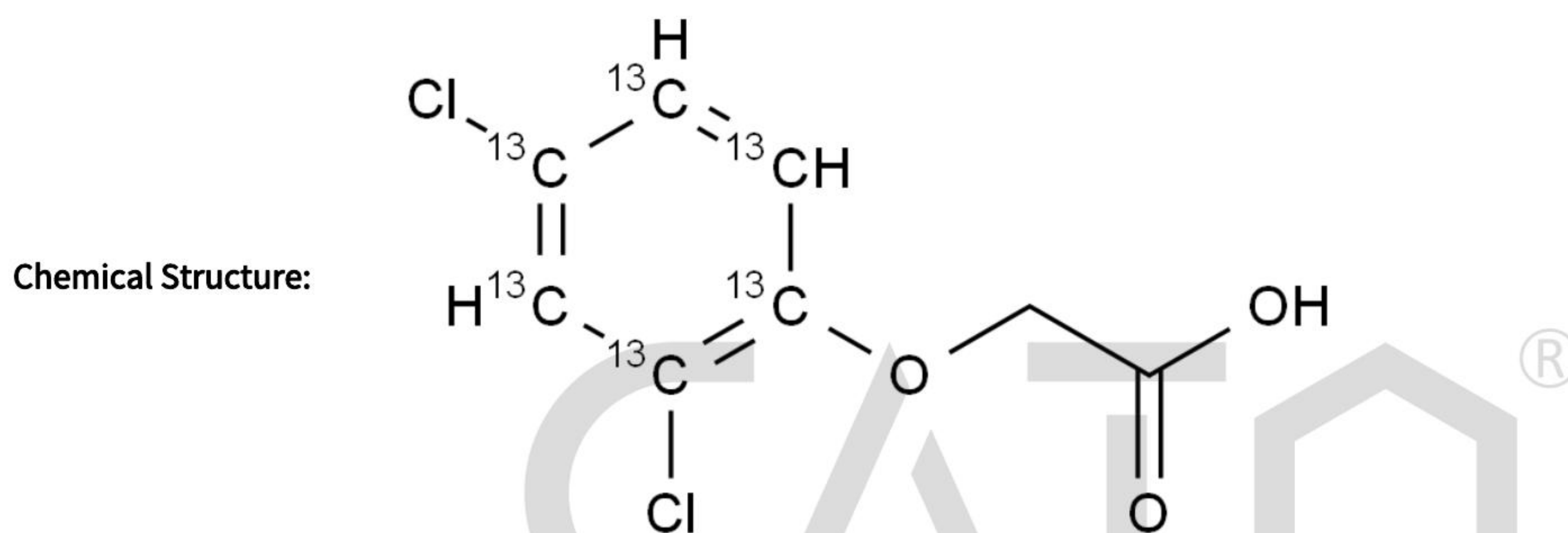


Certificate of Analysis

Reference Material & Standard

Product Name:	2,4-Dichlorophenoxyacetic Acid-13C6	Catalogue Number:	CCPD101778
Synonyms:	N/A	Lot Number:	0705-RF-0068
CAS Number:	150907-52-1	Expiry Date:	Feb 26, 2027
Molecular Formula:	C ₂ [13C] ₆ H ₆ Cl ₂ O ₃	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	226.99		



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Chemical Purity	HPLC	97.4%
Isotopic Purity		99.2%
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

Approved by General Manager:

David

Date: Jul 10, 2024

Date: Jul 10, 2024

Date: Jul 10, 2024

