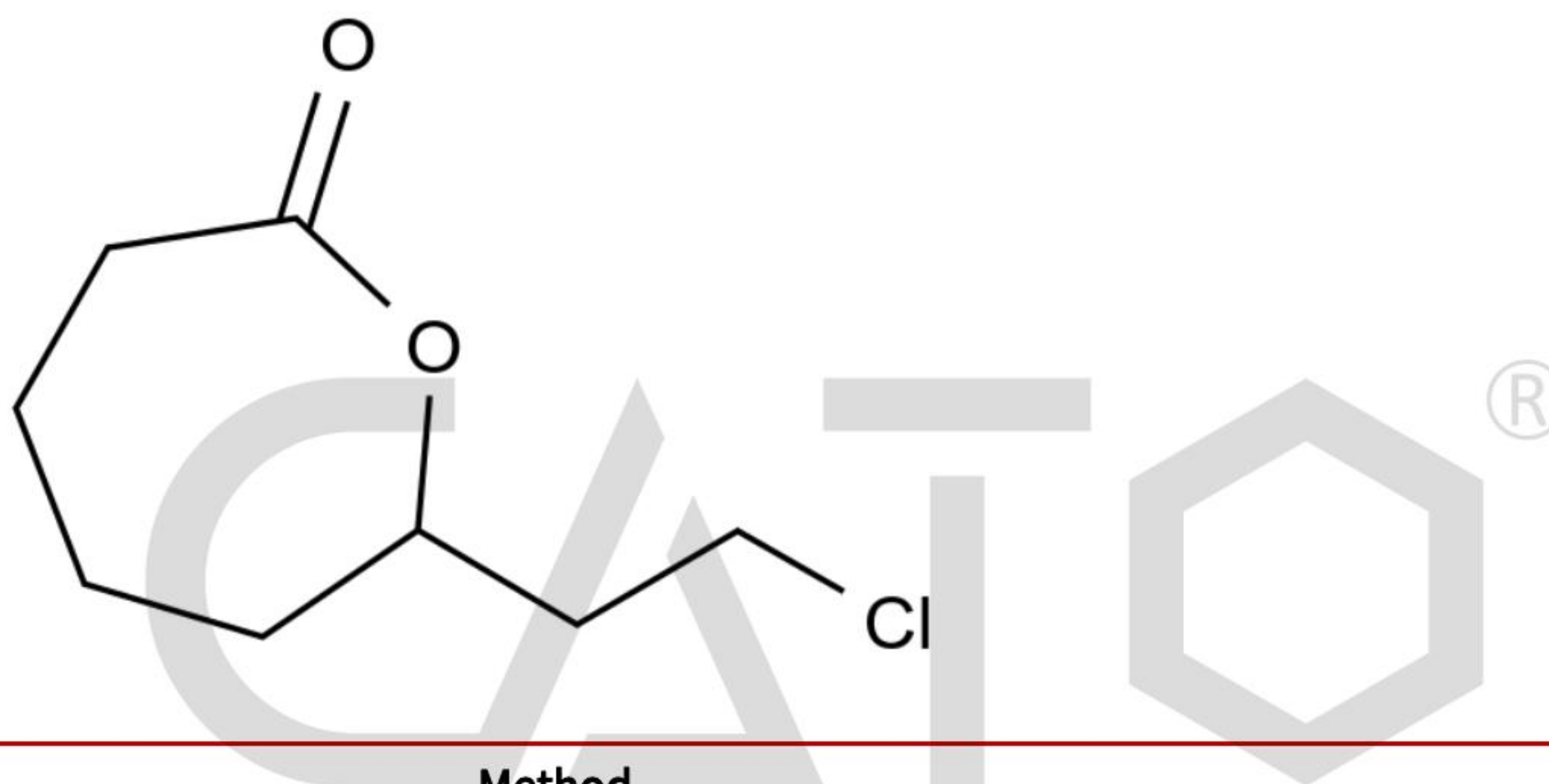


Certificate of Analysis

Reference Material & Standard

Product Name:	Thioctic Acid Impurity 49	Catalogue Number:	C4X-152649
Synonyms:	N/A	Lot Number:	0815-RG-0051
CAS Number:	120476-62-2	Expiry Date:	Dec 08, 2028
Molecular Formula:	C ₈ H ₁₃ ClO ₂	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	176.64		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Yellow Oil
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	98.7%
Assay	qNMR	97.0%

Signature:

Prepared by:

Lily

Reviewed by:

Hinlam

Approved by General Manager:

David

Date: Aug 15, 2025

Date: Aug 18, 2025

Date: Aug 18, 2025

