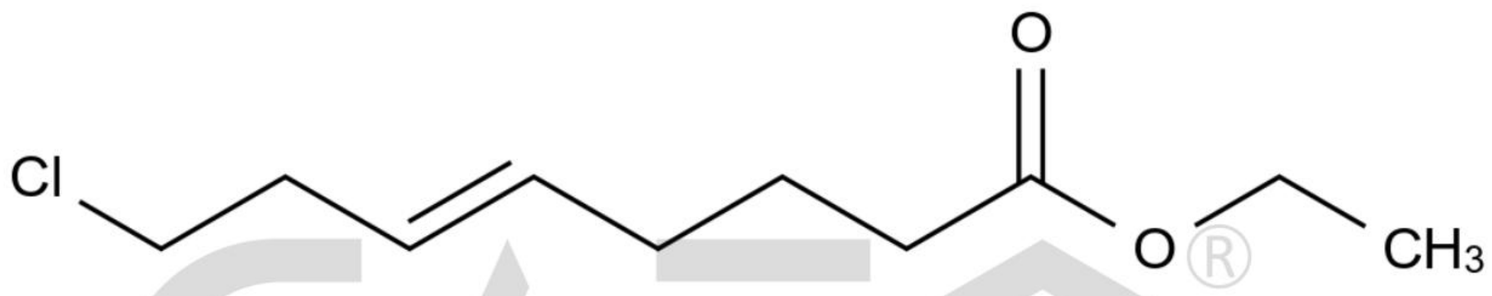
Certificate of Analysis

Reference Material & Standard

Product Name:	Thioctic acid impurity 57	**Catalogue Number:**	C4X-152657
Synonyms:	N/A	**Lot Number:**	0914-RH-0141
CAS Number:	N/A	**Expiry Date:**	Sep 13, 2030
Molecular Formula:	$C_{10}H_{17}ClO_2$	**Storage:**	-20°C±5°C Protected from light and Sealed
Molecular Weight:	204.69	**Shipping Condition:**	Shipping with Ice Packs

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Colourless Oil
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	97.5%
Assay	qNMR	96.8%

CATO Research Chemicals Inc.

Signature:

Prepared by: Date: Sep 15, 2026

Reviewed by: Date: Sep 15, 2026

Approved by General Manager: Date: Sep 15, 2026

CATO Research Chemicals Inc.