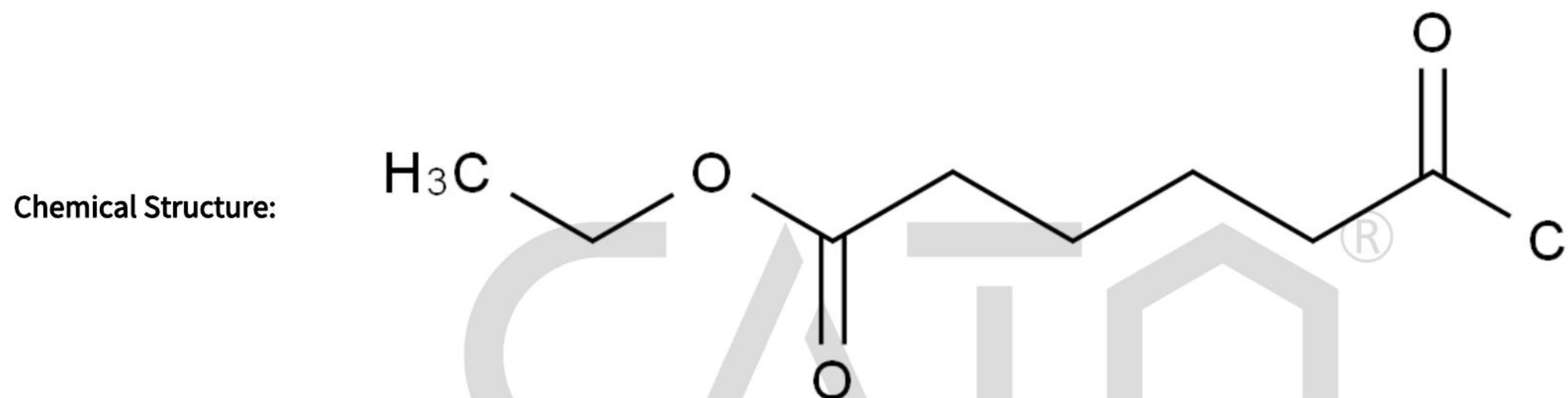


Certificate of Analysis

Reference Material & Standard

Product Name:	Thioctic Acid Impurity 11	Catalogue Number:	C4X-151811
Synonyms:	N/A	Lot Number:	0713-RH-0054
CAS Number:	1071-71-2	Expiry Date:	Jul 15, 2028
Molecular Formula:	C ₈ H ₁₃ ClO ₃	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	192.64	Shipping Condition:	Shipping at Room Temperature



Test Items	Method	Results
Appearance	Visual inspection	Colorless Liquid
Identification	GCMS&HNMR	Confirmed
Purity	GC	97.3%
Assay	qNMR	96.3%

Signature:

Prepared by:

Koi

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Jul 31, 2026

Date: Jul 31, 2026

Date: Jul 31, 2026



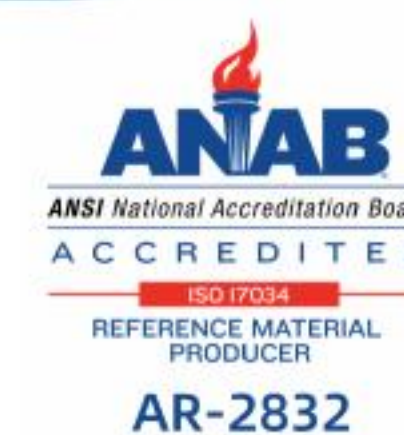
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