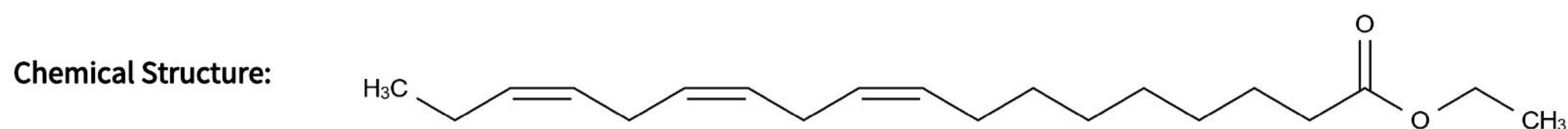


Certificate of Analysis

Reference Material & Standard

Product Name:	Linolenic Acid Ethyl Ester	Catalogue Number:	C4X-29612
Synonyms:	(9Z,12Z,15Z)-Ethyl octadeca-9,12,15-trienoate	Lot Number:	0415-RH-0058
CAS Number:	1191-41-9	Expiry Date:	Jun 24, 2027
Molecular Formula:	C ₂₀ H ₃₄ O ₂	Storage:	-80°C±5°C Protected from light and Sealed
Molecular Weight:	306.48	Shipping Condition:	Shipping with Dry Ice



Test Items	Method	Results
Appearance	Visual inspection	Colourless Liquid
Identification	GCMS&IR&UV&CNMR&HNMR	Confirmed
Purity	HPLC	98.4%
Assay	qNMR	97.1%

CATO Research Chemicals Inc.

Signature:

Prepared by:

Koi

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Jun 26, 2026

Date: Jun 26, 2026

Date: Jun 26, 2026



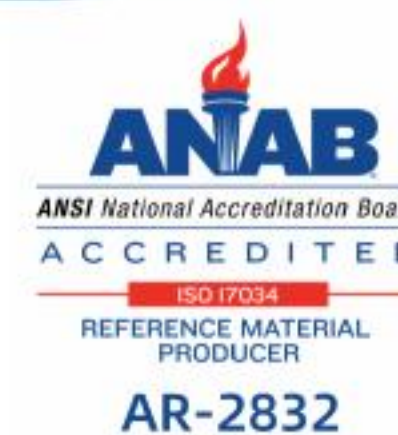
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