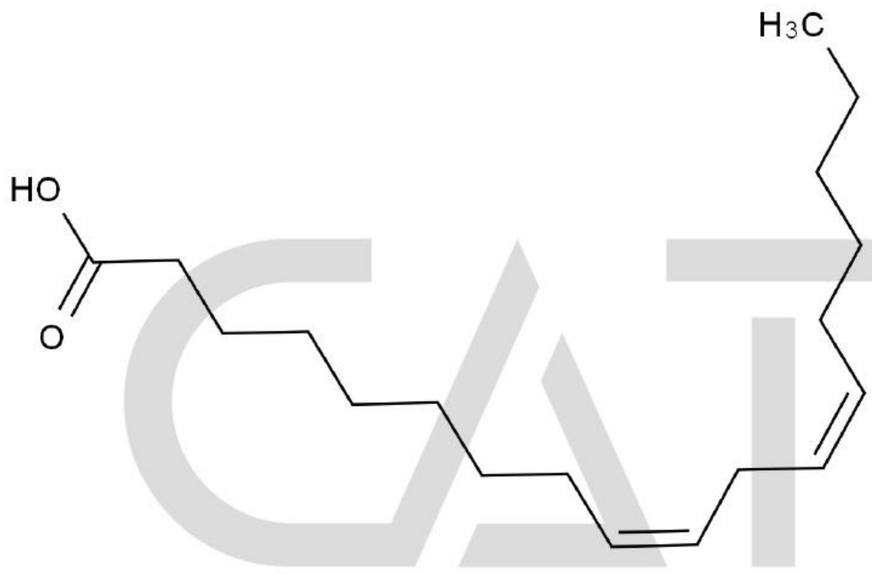
Certificate of Analysis

Reference Material & Standard

Product Name:	Linoleic Acid	**Catalogue Number:**	CCFD200167
Synonyms:	N/A	**Lot Number:**	1020-RH-0057
CAS Number:	60-33-3	**Expiry Date:**	Oct 22, 2030
Molecular Formula:	$C_{18}H_{32}O_2$	**Storage:**	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	280.45	**Shipping Condition:**	Shipping at Room Temperature
		Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Colourless Liquid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	98.2%
Assay	qNMR	92.2%
Uncertainty		±1.5%

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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: Alice Date: Oct 23, 2026

Reviewed by: Lisa Date: Oct 23, 2026

Approved by General Manager: David Date: Oct 23, 2026

CATO Research Chemicals Inc.