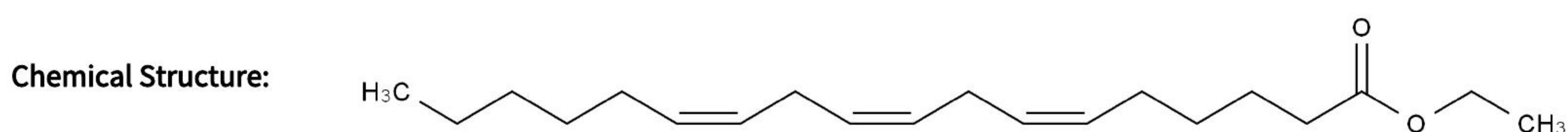


Certificate of Analysis

Reference Material & Standard

Product Name:	Gamma Linolenic Acid Ethyl Ester	Catalogue Number:	CCFD201085
Synonyms:	N/A	Lot Number:	0130-RH-0035
CAS Number:	31450-14-3	Expiry Date:	Feb 01, 2030
Molecular Formula:	C ₂₀ H ₃₄ O ₂	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	306.48	Shipping Condition:	Shipping with Ice Packs



Test Items	Method	Results
Appearance	Visual inspection	Colourless Liquid
Identification	LCMS&HNMR	Confirmed
Purity	ELSD	98.96%
Loss On Drying	TGA	0.3235%
Assay		98.6%
Uncertainty		±0.3%

Comment:

1. The calculation of the mass balance method follows the formula (calculated on the non-dried basis):

Assay (%) = (100% - Loss On Drying) * Purity ELSD (%) / 100%

Loss On Drying is considered as absolute effect, ELSD purity is considered as relative effect.

2. 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:

Lisa

Reviewed by:

Hin Lam

Approved by General Manager:

David

Date: Feb 02, 2026

Date: Feb 02, 2026

Date: Feb 02, 2026



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