

Certificate of Analysis

Reference Material & Standard

Product Name:	cis-11,14-Eicosadienoic Acid Methyl Ester	Catalogue Number:	CCFD200594
Synonyms:	N/A	Lot Number:	1027-RG-0067
CAS Number:	61012-46-2	Expiry Date:	Nov 18, 2029
Molecular Formula:	C ₂₁ H ₃₈ O ₂	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	322.53	Shipping Condition:	Shipping with Ice Packs

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Colourless Oil
Identification	GCMS&HNMR	Confirmed
Purity	GC	100.0%
Assay	qNMR	98.8%
Uncertainty		±0.5%

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:

Nice

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Nov 19, 2025

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