



CERTIFICATE OF ANALYSIS

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1. Identification

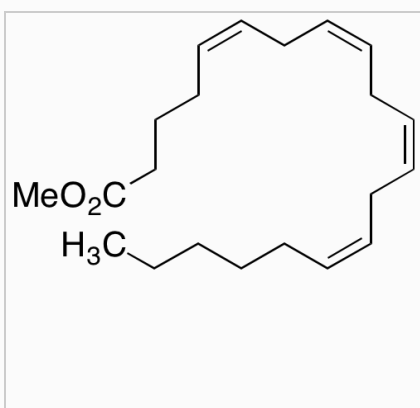
Catalogue Number: A765005

CAS Number: 2566-89-4

Product: Arachidonic Acid Methyl Ester

Synonym: (5Z,8Z,11Z,14Z)-5,8,11,14-Eicosatetraenoic Acid Methyl Ester; (all-Z)-5,8,11,14-Eicosatetraenoic Acid Methyl Ester; Methyl Arachidonate; Methyl 5Z,8Z,11Z,14Z-Eicosatetraenoate; Methyl all-cis-5,8,11,14-Eicosatetraenoate; Methyl cis,cis,cis,cis-Eicosa-5,8,11,14-tetraenoate

Structure:



Molecular Formula:

C₂₁H₃₄O₂

Molecular weight:

318.49

Source of Product:

N/A

Solubility:

Chloroform (Slightly), DMSO (Slightly), Ethyl Acetate (Slightly), Methanol (Slig

Lot Number: 2023-SAP-089

Purity: 96%

Shipping Condition: This Product Is Stable To Be Shipped At Room Temperature

Storage Condition: 4°C, Inert atmosphere

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	Colourless Oil	Clear Colourless Oil
NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 79.02, %H: 11.18
MS	Conforms to Structure	Conforms
HPLC Purity	Report Result	96.74% (205 nm)

Additional Information: N/A

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of ± 2%. Isotopic purity is based on mass distribution observed. The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

4. Signatures

Reviewed By	Reviewed By	C of A Approved By	Test Date	Retest Date
Nicole Yip	Toni Rantanen	Chanell Chu	4/5/2023	4/3/2027