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## CERTIFICATE OF ANALYSIS

Analysis Date: May 2026

Re-test Date: Apr 2029

**Product Name: Methyl Eicosanoate**

### Identification:

Chemical Name: Methyl icosanoate

Synonyms : Eicosanoic acid methyl ester ;  
Methyl Arachidate

CAS Number : 1120-28-1

CAT Number : CP-CS57236

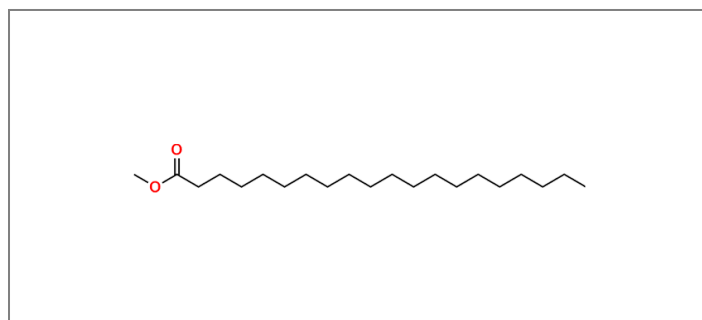
Molecular Formula : C<sub>21</sub>H<sub>42</sub>O<sub>2</sub>

Molecular Weight : 326.57

Batch Number : CP-MET-ARA-0824

Storage Condition : Tightly closed, Inert atmosphere at 2 to 8° C

Shipping condition : All Products are stable to be shipped at room temperature, if specific condition required it is mention in the COA



### Analytical Information:

Sr. No.	Test	Result
1)	Description	White Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By GC	96.78%
5)	<sup>1</sup> H NMR	Confirm to structure
6)	<sup>13</sup> C NMR	Confirm to Structure
7)	IR	Confirm to Structure
8)	Weight loss by TGA	0.323 %
9)	Potency by TGA	96.47%



**Prepared and Reviewed By**



Mr. Shubham Bondre  
(Quality Control)

**Approved By**



Mr. Abhijit Kale  
(Quality Assurance)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.