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## CERTIFICATE OF ANALYSIS

Analysis Date: Apr 2024

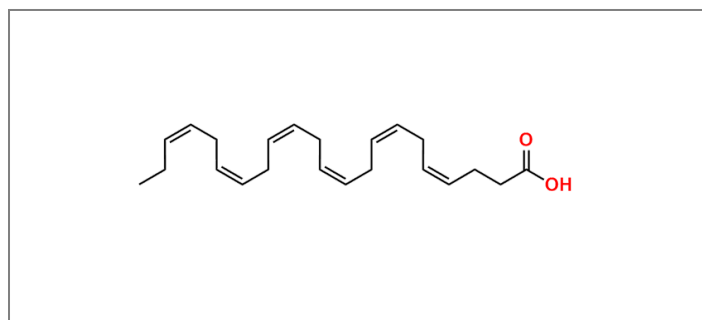
Re-test Date: Mar 2027

**Product Name: Docosahexaenoic Acid**

### Identification:

Chemical Name: (4Z,7Z,10Z,13Z,16Z,19Z)-Docosa-4,7,10,13,16,19-hexaenoic acid

Synonyms : NA  
CAS Number : 6217-54-5  
CAT Number : CP-D122000  
Molecular Formula : C<sub>22</sub>H<sub>32</sub>O<sub>2</sub>  
Molecular Weight : 328.5  
Batch Number : CP-DOC-ACI-0424  
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	Clear Colorless Oil
2)	Solubility	Soluble in Methanol/DMSO
3)	Mass Spectrometry	Confirm to structure
4)	Purity By ELSD	99.93%
5)	<sup>1</sup> H NMR	Confirm to structure
6)	FT-IR	Confirm to structure
7)	Weight loss by TGA	0.141%
8)	Potency	99.78%



### 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.