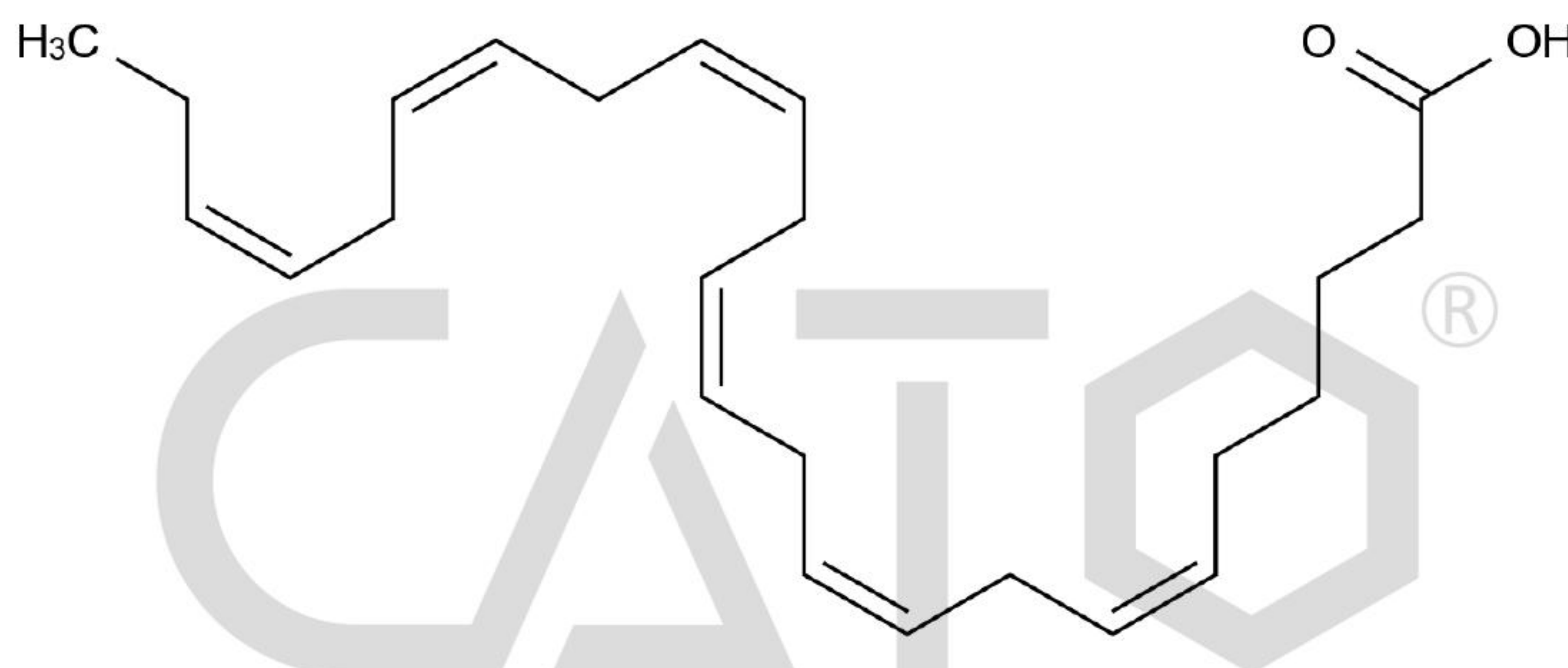


Certificate of Analysis

Reference Material & Standard

Product Name:	(6Z,9Z,12Z,15Z,18Z,21Z)-Tetracosahexaenoic Acid	Catalogue Number:	C1484288
Synonyms:	N/A	Lot Number:	0630-RG-0128
CAS Number:	68378-49-4	Expiry Date:	Dec 19, 2026
Molecular Formula:	C ₂₄ H ₃₆ O ₂	Storage:	-80°C ± 5°C Protected from light and Sealed
Molecular Weight:	356.54	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Colourless Liquid
Identification	LCMS&IR&HNMR	Confirmed
Purity	HPLC	94.1875%
Water Content	Karl Fischer	0.30%
Residual Solvents	NMR	0.2% n-hexane
Assay		93.7%

Comment:

- The compound contains 2.0% isomeric impurity (RT 27.78) according to its HPLC and LC-MS.
- The calculation of the 100% method follows the formula (calculated on the non-dried basis):

$$\text{Assay (\%)} = (100\% - \text{Water Content} - \text{Residual Solvents}) * \text{Purity HPLC (\%)} / 100\%$$
 Water Content and Residual Solvents are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Lily

Reviewed by:

Hin lam

Approved by General Manager:

David

Date: Jul 01, 2025

Date: Jul 02, 2025

Date: Jul 02, 2025

