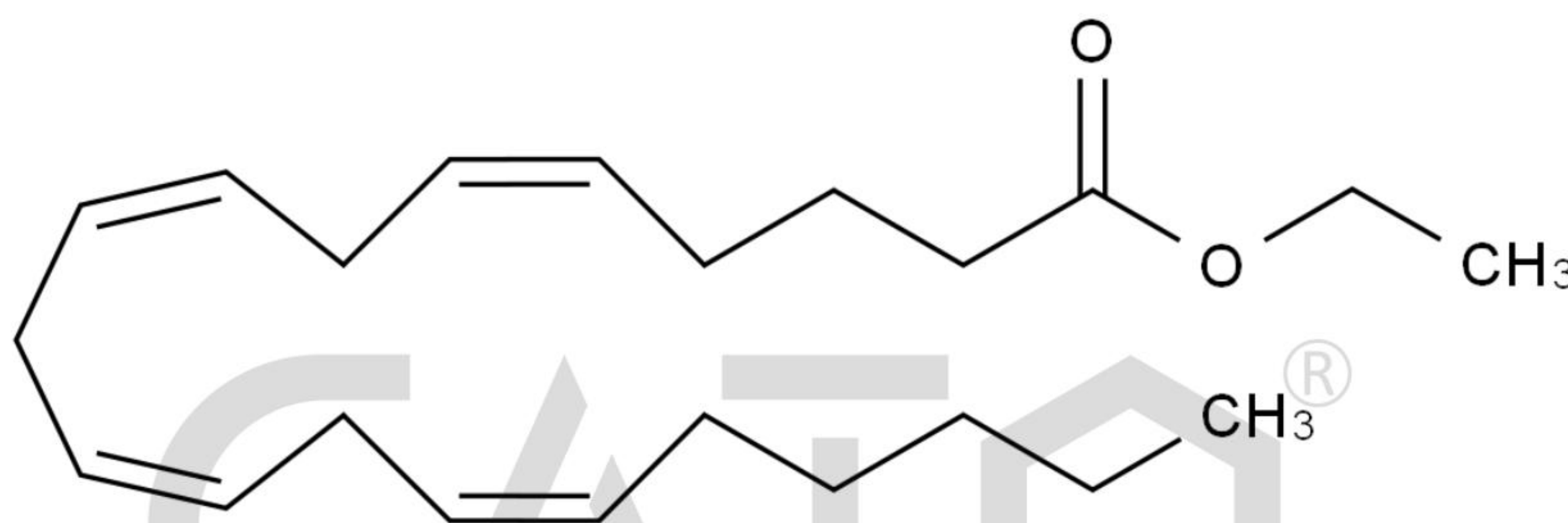


Certificate of Analysis

Reference Material

Product Name:	(5Z,8Z,11Z,14Z)-5,8,11,14-Eicosatetraenoic Acid Ethyl Ester	Catalogue Number:	CCHM700781
Chemical Name:	N/A	Lot Number:	0530-RE-0015
CAS Number:	1808-26-0	Expiry Date:	May 30, 2026
Molecular Formula:	C22H36O2	Storage:	-80°C ± 5°C Protected from light and Sealed
Molecular Weight:	332.52		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Colourless Liquid
Identification	GCMS&HNMR	Confirmed
Purity	GC	100.000%
Loss On Drying	TGA	0.0489%
Assay		99.9%
Uncertainty		±2.0%

Comment:

1. The calculation of the 100% method follows the formula (calculated on the non-dried basis):

Assay (%) = (100% - Loss On Drying) * Purity GC (%) / 100%

Loss On Drying is considered as absolute effect, GC purity is considered as relative effect.

2. 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:

Hin Lam

Reviewed by:

Lisa

Aporoved by General manager:

David

Date: May 31, 2023

Date: Jun 01, 2023

Date: Jun 01, 2023

