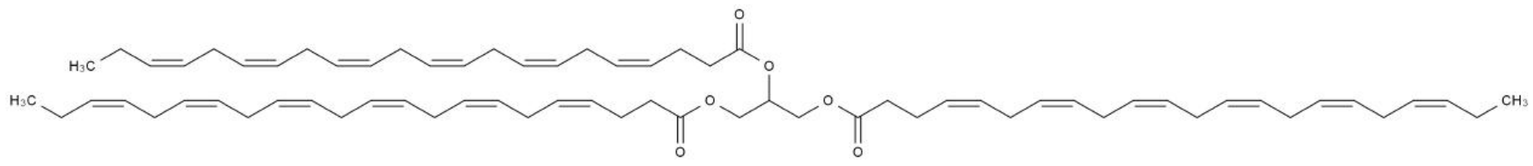
Certificate of Analysis

Reference Material & Standard

Product Name:	Tridocosahexaenoin	**Catalogue Number:**	C4X-280613
Synonyms:	N/A	**Lot Number:**	0710-RH-0073
CAS Number:	11094-59-0	**Expiry Date:**	Jul 14, 2027
Molecular Formula:	$C_{69}H_{98}O_6$	**Storage:**	-80°C±5°C Protected from light and Sealed
Molecular Weight:	1023.51	**Shipping Condition:**	Shipping with Dry Ice

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Colourless Liquid
Identification	LCMS&IR&UV&HNMR	Confirmed
Purity	HPLC	100.000%
Loss on Drying	TGA	0.4563%
Assay	Mass Balance	99.5%

Comment:

The calculation of the mass balance method follows the formula (calculated on the non-dried basis):
*Assay (%) = (100%-Loss on Drying) * Purity HPLC (%) /100%*
Loss on Drying is considered as absolute effect, HPLC purity is considered as relative effect.

CATO Research Chemicals Inc.

Signature:

Prepared by: Koji Date: Oct 23, 2026

Reviewed by: Lisa Date: Oct 23, 2026

Approved by General Manager: David Date: Oct 23, 2026

CATO Research Chemicals Inc.