



CERTIFICATE OF ANALYSIS

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1. Identification

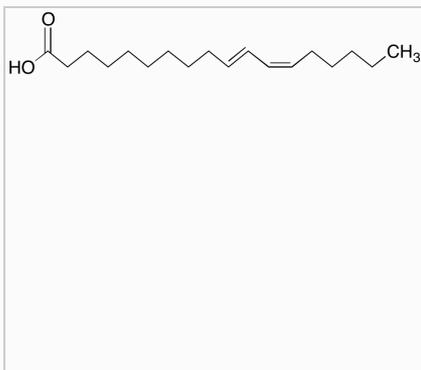
Catalogue Number: L462520

CAS Number: 2420-56-6

Product: 10-trans,12-cis-Linoleic Acid

Synonym: (Z,E)-10,12-Octadecadienoic Acid; (10E,12Z)-10,12-Octadecadienoic Acid; 10-trans-12-cis-Octadecadienoic Acid; 10E,12Z-Octadecadienoic Acid; trans-10,cis-12 Conjugated Linoleic Acid; trans-10-cis-12-Octadecadienoic Acid;

Structure:



Molecular Formula:

C₁₈H₃₂O₂

Molecular weight:

280.45

Source of Product:

N/A

Solubility:

DMSO (Slightly), Methanol (Slightly)

Lot Number: 2023-QIU-347

Purity: 94%

Shipping Condition: This Product Is Stable To Be Shipped At Room Temperature

Storage Condition: 4°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	Colourless Oil	Clear Colourless Oil
NMR	Conforms to Structure	Conforms
HPLC Purity	Report Result	94.25% (235 nm)
MS	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 77.74, %H: 11.84

Additional Information: N/A

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of ± 2%. Isotopic purity is based on mass distribution observed. The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

4. Signatures

Reviewed By	Reviewed By	C of A Approved By	Test Date	Retest Date
Henry Tieu	Toni Rantanen	Chanell Chu	10/27/2023	10/25/2027