



CERTIFICATE OF ANALYSIS

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1. Identification

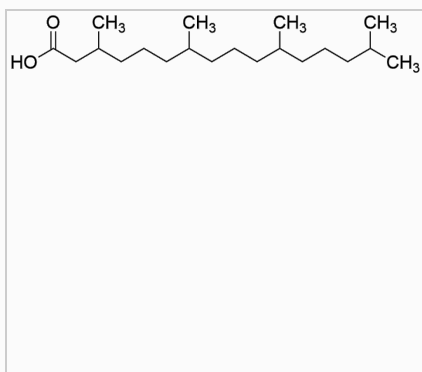
Catalogue Number: P147200

CAS Number: 14721-66-5

Product: Phytanoic Acid

Synonym: 3,7,11,15-Tetramethylhexadecanoic Acid;
NSC 108698; Phytanic Acid

Structure:



Molecular Formula:

C₂₀H₄₀O₂

Molecular weight:

312.53

Source of Product:

N/A

Solubility:

Chloroform (Slightly),
Methanol (Slightly)

Lot Number: 2023-JPO-170

Purity: 97%

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	Hazy Colourless Oil
NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 73.99, %H: 12.77
HPLC Purity	Report Result	97.02% (ELSD)
MS	Conforms to Structure	Conforms
C NMR	Conforms to Structure	Conforms

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 $\pm 2\%$. 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	Christina Gouliaras	4/3/2023	4/1/2027