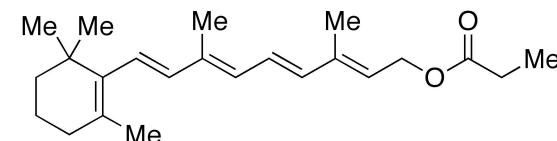


Certificate of Analysis

1. Identification

Catalogue Number R275550 Lot Number 1-SWA-92-1

Product Name
Retinyl Propionate (Stabilized with BHT) 90%

StructureSynonyms

Retinol propionate; 15-Retinol Propanoate; Vitamin A Propionate;

CAS Number

7069-42-3 Solubility
Chloroform (Slightly), Ethyl Acetate (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

C₂₃H₃₄O₂ Source of Product
N/A

Long Term Storage Conditions

-20°C, Inert atmosphere, Light sensitive

Molecular Weight

342.51 Purity
>90%

2. Warnings

Light Sensitive

3. Analytical Information

<u>Tests</u>	<u>Specifications</u>	<u>Results</u>
Appearance	Pale Yellow to Yellow Oil to Thick Oil	Clear Pale Yellow Thick Oil
NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 80.40, %H: 10.19
HPLC Purity	>95%	98.91% (325 nm)
MS	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

<u>Reviewed by</u>	<u>Reviewed by</u>	<u>C of A Approved by</u>	<u>Test Date</u>	<u>Retest Date</u>
			10/29/2024	10/27/2028

Nicole Yip
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Manager, Quality Assurance

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