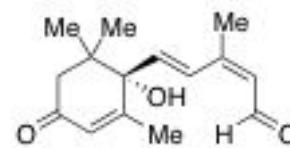


CERTIFICATE OF ANALYSIS

1. Identification

Catalogue Number A110005 Lot Number 15-PSB-57-1

Product Name
(+)-Abscisic Aldehyde

StructureSynonyms

(2Z,4E)-5-[(1S)-1-Hydroxy-2,6,6-trimethyl-4-oxo-2-cyclohexen-1-yl]-3-methyl-2,4-pentadienal; (+)-Abscisyl aldehyde; Abscisic Aldehyde

CAS Number

41944-86-9

Solubility

Chloroform (Slightly), Methanol (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular FormulaC₁₅H₂₀O₃Source of Product

Synthetic

Long Term Storage Conditions

-20°C, Inert atmosphere, Light sensitive

Molecular Weight

248.32

Purity

>95%

2. Warnings

Light Sensitive

3. Analytical Information

<u>Tests</u>	<u>Specifications</u>	<u>Results</u>
Appearance	White to Pale Beige Solid	White to Off-White Solid
NMR	Conforms to Structure	Conforms
HPLC Purity	>95%	99.87% (285 nm)
MS	Conforms to Structure	Conforms
Specific Rotation	Report Result	+408.5° (c = 0.1, Ethanol)

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>
			8/2/2024	7/31/2028

Jingning Zhou
Product Quality Specialist

Toni Rantanen
Manager, Quality Assurance

Rami Dhanoa
Quality Assurance Associate