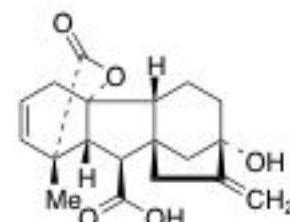


CERTIFICATE OF ANALYSIS

1. Identification

Catalogue Number G377465
Lot Number 15-MP-73-4

Product Name
Gibberellin A5

StructureSynonyms

4a,7-Dihydroxy-1-methyl-8-methylene-4a α ,4b β -Gibb-2-ene-1 α ,10 β -dicarboxylic Acid 1,4a-Lactone; GA5; GA5 (Gibberellin)

CAS Number 561-56-8
Solubility Chloroform (Slightly), DMSO (Slightly), Methanol (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula C₁₉H₂₂O₅
Source of Product Synthetic

Long Term Storage Conditions

-20°C, Inert atmosphere, Light sensitive

Molecular Weight 330.37
Purity >95%

2. Warnings

Light Sensitive

3. Analytical Information

<u>Tests</u>	<u>Specifications</u>	<u>Results</u>
Appearance	White to Off-White Solid	White to Off-White Solid
NMR	Conforms to Structure	Conforms
HPLC Purity	>95%	99.44% (ELSD)
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>
 Neha Khanna Product Quality Specialist	 Toni Rantanen Manager, Quality Assurance	 Chanell Chu Quality Assurance Associate	6/26/2024	6/24/2028