

# CERTIFICATE OF ANALYSIS

(Certificate No. KMM001030-01)

Release Date: 09/08/2024

Re-test Date: 08/08/2027

## Methyl Abietate

### Identification

**Chemical Name :**

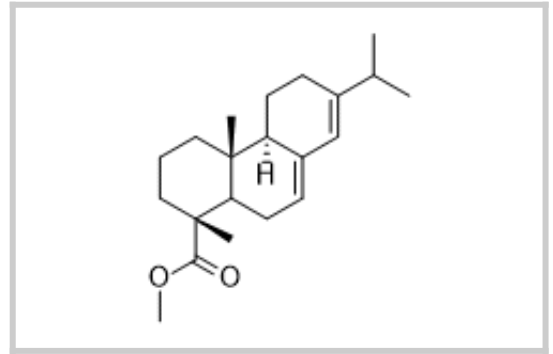
(1R,4aR,4bR)-methyl 7-isopropyl-1,4a-dimethyl-1,2,3,4,4a,4b,5,6,10,10a-decahydrophenanthrene-1-carboxylate

CAT No. : KMM001030

CAS No. : 127-25-3

Molecular Formula : C<sub>21</sub>H<sub>32</sub>O<sub>2</sub>

Molecular Weight : 316.48



### Analytical Information

Batch No. : ABI-ME-073-323

Description : Colorless Thick Syrup

HPLC Purity : 97.28 %

Weight Loss By TGA : 0.04 %

% Potency : 97.24 %

Solubility : ACN

Mass : Confirm

IR : Confirm

<sup>1</sup>H NMR : Confirm

### Additional Information

Long Term Storage : Store at 2-8 deg. C for long term storage

Shipping Condition : Product is stable to be shipped at room temperature

% Potency =  $[100 - 0.04(\text{Weight Loss By TGA})] \times [97.28(\text{HPLC Purity})]/100 = 97.24 \%$

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		09/08/2024
Reviewed & Approved By	Quality Control	Jatin Patel		09/08/2024

Attachments : COA, HPLC, MASS, <sup>1</sup>H NMR, IR and TGA