

CERTIFICATE OF ANALYSIS

(Certificate No. KML001005-01)

Release Date: 29/05/2024

Re-test Date: 28/05/2027

Anhydro Lovastatin

Identification

Chemical Name :

(S)-(1S,3R,7S,8S,8aR)-3,7-dimethyl-8-(2-((R)-6-oxo-3,6-dihydro-2H-pyran-2-yl)ethyl)-1,2,3,7,8,8a-hexahydronaphthalen-1-yl 2-methylbutanoate

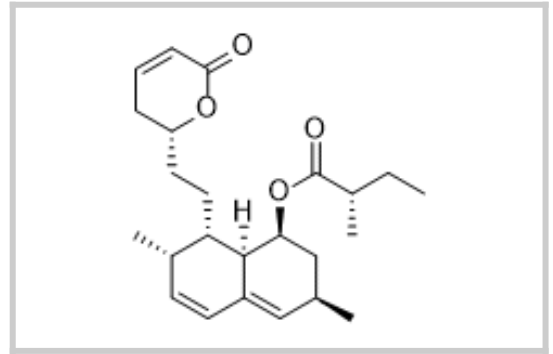
Alt. Name : Dehydrolovastatin ; Anhydro Lovastatin ; 2,3-Anhydro Lovastatin

CAT No. : KML001005

CAS No. : 109273-98-5

Molecular Formula : C₂₄H₃₄O₄

Molecular Weight : 386.52



Analytical Information

Batch No. : LOV-AN-HY-019-263

Description : White Solid

HPLC Purity : 95.05 %

Weight Loss By TGA : 0.18 %

% Potency : 94.88 %

Solubility : Methanol

Mass : Confirm

IR : Confirm

¹H 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 - 0.18(Weight Loss By TGA)] x [95.05(HPLC Purity)]/100 = 94.88 %

-Re-tested on 29.05.2024

Recommendation : Released

| | Department | Name | Signature | Date |
|-----------------------------------|-----------------|---------------|-----------|------------|
| Prepared By | Analytical | Jignesh Patel | | 29/05/2024 |
| Reviewed & Approved By | Quality Control | Jatin Patel | | 29/05/2024 |

Attachments : COA, HPLC, MASS, 1HNMR, IR and TGA