CERTIFICATE OF ANALYSIS

(Certificate No. KML001005-01)

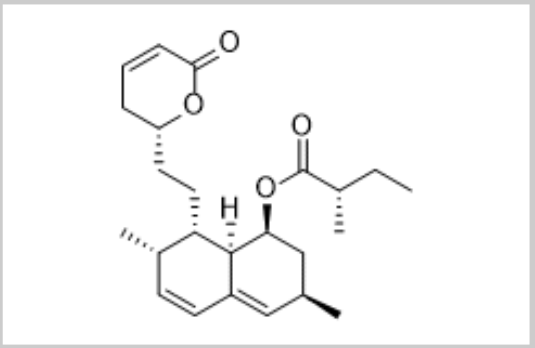
Release Date: 29/05/2024 **Re-test Date:** 28/05/2027

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	**Solubility**	: Methanol
Description	: White Solid	**Mass**	: Confirm
HPLC Purity	: 95.05 %	**IR**	: Confirm
Weight Loss By TGA	: 0.18 %	**1H NMR**	: Confirm
% Potency	: 94.88 %		

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