

# CERTIFICATE OF ANALYSIS

(Certificate No. KMS001004-01)

Release Date: 30/03/2024

Re-test Date: 29/03/2027

## LOVASTATIN-STD

### Identification

**Chemical Name :**

(S)-(1S,3R,7S,8S,8aR)-8-(2-((2R,4R)-4-hydroxy-6-oxotetrahydro-2H-pyran-2-yl)ethyl)-3,7-dimethyl-1,2,3,7,8,8a-hexahydronaphthalen-1-yl 2-methylbutanoate

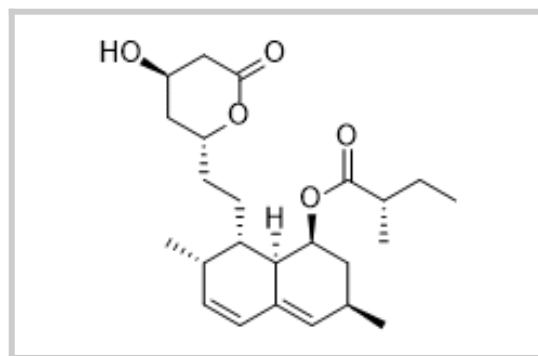
**Alt. Name** : Simvastatin USP Related Compound  
E ; Lovastatin ; Desmethyl Simvastatin

**CAT No.** : KMS001004

**CAS No.** : 75330-75-5

**Molecular Formula** : C<sub>24</sub>H<sub>36</sub>O<sub>5</sub>

**Molecular Weight** : 404.54



### Analytical Information

**Batch No.** : LOVA-RS-019-111

**Description** : White Solid

**HPLC Purity** : 97.47 %

**Weight Loss By TGA** : 0.47 %

**% Potency** : 97 %

**Solubility** : Methanol

**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

-Re-tested on 30.03.2024

**Recommendation** : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		08/04/2024
Reviewed & Approved By	Quality Control	Jatin Patel		08/04/2024

**Attachments** : COA, HPLC, MASS, <sup>1</sup>HNMR, IR and TGA