CERTIFICATE OF ANALYSIS

(Certificate No. KMS001001-01)

Re-test Date: 04/02/2027

Release Date: 05/02/2024

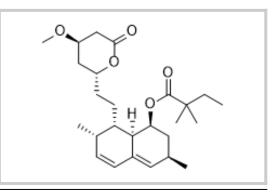
Simvastatin Impurity J

Identification

Chemical Name :

(1S,3R,7S,8S,8aR)-8-[2-[(2R,4R)-4-methoxy-6-oxooxan-2-yl]ethyl]-3,7-dimethyl-1,2,3,7,8,8a-hexahydronaphthalen-1-yl 2,2-dimethylbutanoate

Alt. Name	: Simvastatin 4		
CAT No.	: KMS001001		
CAS No.	: 864357-88-0		
Molecular Formula	: C26H40O5		
Molecular Weight	: 432.59		



Analytical Information

Batch No.	: SIM-IMP-EPJ-019-102	Solubility	: ACN
Description	: Yellow Liquid	Mass	: Confirm
HPLC Purity	: 98.30 % *	IR	: Confirm
Weight Loss By TGA	: 0.75 % *	1H NMR	: Confirm
% Potency	: 97.56 %		

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 - 0.75(Weight Loss By TGA)] x [98.30(HPLC Purity)]/100 = 97.56 % * Re-tested on 05/02/2024

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		
Reviewed & Approved By	Quality Control	Jatin Patel		

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