

CERTIFICATE OF ANALYSIS

(Certificate No. KMA002062-01)

Release Date: 21/08/2026

Re-test Date: 20/08/2029

Atorvastatin Impurity A

Identification

Chemical Name :

Sodium (3R,5R)-7-[2,3-diphenyl-4-(phenylcarbamoyl)-5-(propan-2-yl)-1H-pyrrol-1-yl]-3,5-dihydroxyheptanoate (as per EP)

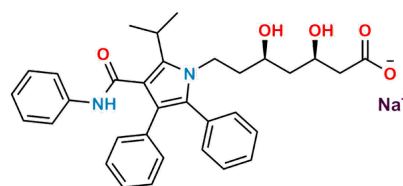
Alt. Name : Desfluoro Atorvastatin (EP) ;
Atorvastatin USP Related Compound A

CAT No. : KMA002062

CAS No. : 1516864-05-3 : 433289-84-0 (Free base)

Molecular Formula : C₃₃H₃₅N₂O₅ : Na

Molecular Weight : 539.7 : 23.0



Analytical Information

Batch No. : A002062-136-166

Description : Light Yellow Solid

HPLC Purity : 97.01 %

Weight Loss By TGA : 3.11 %

% Potency : 93.99 %

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 - 3.11(Weight Loss By TGA)] x [97.01(HPLC Purity)]/100 = 93.99 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		21/08/2026
Reviewed & Approved By	Quality Control	Jatin Patel		21/08/2026

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