

# CERTIFICATE OF ANALYSIS

(Certificate No. KMA002063-02)

Release Date: 17/10/2025

Re-test Date: 16/10/2028

## Atorvastatin Impurity B

### Identification

**Chemical Name :**

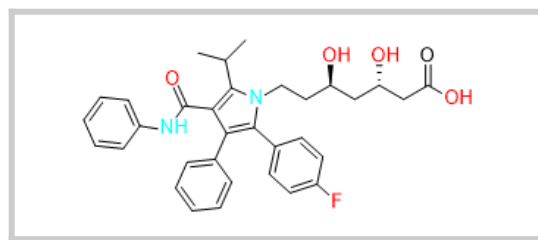
(3RS,5SR)-7-[2-(4-fluorophenyl)-3-phenyl-4-(phenylcarbamoyl)-5-(propan-2-yl)-1H-pyrrol-1-yl]-3,5-dihydroxyheptanoic acid (as per EP)

CAT No. : KMA002063

CAS No. : 842103-12-2

Molecular Formula : C33H35FN2O5

Molecular Weight : 558.7



### Analytical Information

Batch No. : A002063-102-351

Description : White Solid

HPLC Purity : 97.21 %

Weight Loss By TGA : 3.24 %

% Potency : 94.06 %

Solubility : ACN : Water (1:1)

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

% Potency =  $[100 - 3.24(\text{Weight Loss By TGA})] \times [97.21(\text{HPLC Purity})]/100 = 94.06 \%$

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		01/12/2025
Reviewed & Approved By	Quality Control	Jatin Patel		01/12/2025

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