

# CERTIFICATE OF ANALYSIS

(Certificate No. KMA002052-01)

Release Date: 10/10/2025

Re-test Date: 09/10/2028

## Atorvastatin Calcium USPRS

### Identification

**Chemical Name :**

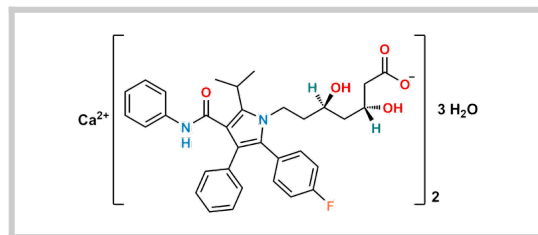
Calcium bis[(3R,5R)-7-[2-(4-fluorophenyl)-3-phenyl-4-(phenylcarbamoyl)-5-(propan-2-yl)-1H-pyrrol-1-yl]-3,5-dihydroxyheptanoate] Trihydrate (as per EP) ; (3R,5R)-7-[3-(Phenylcarbamoyl)-5-(4-fluorophenyl)-2-isopropyl-4-phenyl-1H-pyrrol-1-yl]-3,5-dihydroxyheptanoic acid, calcium salt Trihydrate (as per USP)

CAT No. : KMA002052

CAS No. : 344423-98-9

Molecular Formula : C<sub>33</sub>H<sub>34</sub>FN<sub>2</sub>O<sub>5</sub> : 1/2(Ca) : 3/2H<sub>2</sub>O

Molecular Weight : 557.6 : 1/2(40.1) : 3/2(18.0)



### Analytical Information

Batch No. : A002052-102-327

Description : White Solid

HPLC Purity : 98.82 %

Weight Loss By TGA : 0.12 %

% Potency : 98.7 %

Solubility : Methanol

Mass : Confirm

IR : Confirm

<sup>1</sup>H NMR : Confirm

<sup>13</sup>C 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 - 0.12(Weight Loss By TGA)] x [98.82(HPLC Purity)]/100 = 98.7 %

USP Catalog No & Lot No :- 1044516 - R213G0

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Bhargav Kathiriya		10/10/2025
Reviewed & Approved By	Quality Control	Viraj Akabri		10/10/2025

Attachments : COA, HPLC, MASS, <sup>1</sup>H NMR, <sup>13</sup>C NMR, IR and TGA