

# CERTIFICATE OF ANALYSIS

(Certificate No. KMA002009-01)

Release Date: 14/06/2024

Re-test Date: 13/06/2027

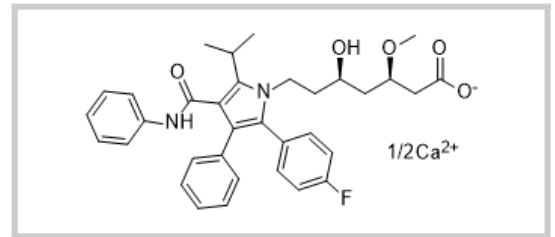
## Atorvastatin Impurity G

### Identification

**Chemical Name :**

monocalcium mono((3R,5R)-7-(2-(4-fluorophenyl)-5-isopropyl-3-phenyl-4-(phenylcarbamoyl)-1H-pyrrol-1-yl)-5-hydroxy-3-methoxyheptanoate) (Mixture of Isomer)

CAT No. : KMA002009  
CAS No. : 887196-29-4  
Molecular Formula : C<sub>34</sub>H<sub>36</sub>FN<sub>2</sub>O<sub>5</sub> : 1/2(Ca)  
Molecular Weight : 571.66 : 1/2(40.1)



### Analytical Information

Batch No.	: KMPS-ATS-G-010	Solubility	: DMF
Description	: Off White Solid	Mass	: Confirm
HPLC Purity	: 93.47 %	IR	: Confirm
Weight Loss By TGA	: 0.74 %	1H NMR	: Confirm
% Potency	: 92.78 %		

### 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 - 0.74(Weight Loss By TGA)] x [93.47(HPLC Purity)]/100 = 92.78 %  
Remarks : COA Re-generated and Re-tested on 14.06.2024  
**Recommendation** : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		14/06/2024
Reviewed & Approved By	Quality Control	Jatin Patel		14/06/2024

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