CERTIFICATE OF ANALYSIS

(Certificate No. KMA002007-01)

Release Date: 01/11/2023 **Re-test Date:** 31/10/2026

Atorvastatin Pyrrolidone Phenanthrene Calcium

Identification

Chemical Name:

 $calcium (I)\ 7-(9-fluoro-3-isopropyl-2-oxo-3-(phenylcarbamoyl)-2, 3-dihydro-1H-dibenzo[e,g] indol-1-yl)-3, 5-dihydroxyheptanoate$

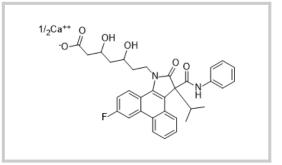
Alt. Name : Atorvastatin Lactam Phenanthrene

Calcium

CAT No. : KMA002007 **CAS No.** : 148127-12-2

Molecular Formula : C33H32FN2O6.1/2Ca

Molecular Weight : 571.66 ; 1/2(40.1)



Analytical Information

Batch No. : ATS-PHE-019-018 **Solubility** : Methanol **Description** : Light Brown Solid Mass : Confirm **HPLC Purity** : 95.87 % IR : Confirm Weight Loss By TGA 1H NMR : Confirm : 0.024 % % Potency : 95.85 % **13C 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 - 0.024(Weight Loss By TGA)] x [95.87(HPLC Purity)]/100 = 95.85 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		01/11/2023
Reviewed & Approved By	Quality Control	Jatin Patel		01/11/2023

Attachments : COA, SER, HPLC, MASS, 1HNMR, 13CNMR, IR and TGA