

# CERTIFICATE OF ANALYSIS

(Certificate No. KMA002025-01)

Release Date: 03/02/2024

Re-test Date: 02/02/2027

## Atorvastatin 2,3-Anhydro Lactone

### Identification

**Chemical Name :**

1-[2-[(2S)-3,6-Dihydro-6-oxo-2H-pyran-2-yl]-ethyl]-5-(4-fluorophenyl)-2-(1-methylethyl)-N,4-diphenyl-1Hpyrrole-3-carboxamide

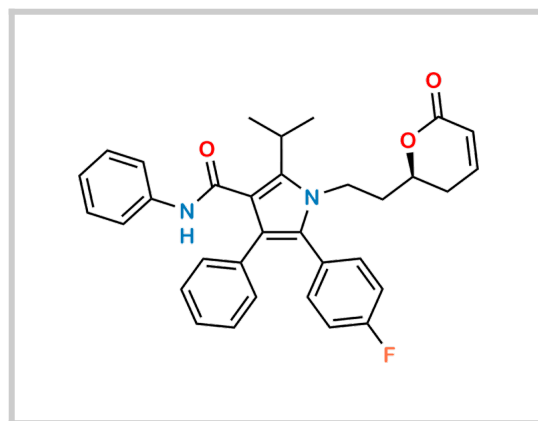
**Alt. Name** : Anhydro Atorvastatin Lactone ; 2,3-Anhydro Atorvastatin Lactone ; 3-Dehydroxy 2,3-Dehydro Atorvastatin Lactone ; Atorvastatin Eliminated Lactone

**CAT No.** : KMA002025

**CAS No.** : 442851-50-5

**Molecular Formula** : C33H31FN2O3

**Molecular Weight** : 522.6



### Analytical Information

**Batch No.** : ATS-DHL-031

**Description** : Off White Solid

**HPLC Purity** : 94.34 %

**Weight Loss By TGA** : 0.26 %

**% Potency** : 94.09 %

**Solubility** : Acetonitrile

**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 - 0.26(Weight Loss By TGA)] x [94.34(HPLC Purity)]/100 = 94.09 %

-Re-tested on 03..02.2024

**Recommendation** : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		04/03/2025
Reviewed & Approved By	Quality Control	Jatin Patel		04/03/2025

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