

# CERTIFICATE OF ANALYSIS

(Certificate No. KMA011005-01)

Release Date: 29/11/2024

Re-test Date: 28/11/2027

## R(+)-Amlodipine Besylate

### Identification

**Chemical Name :**

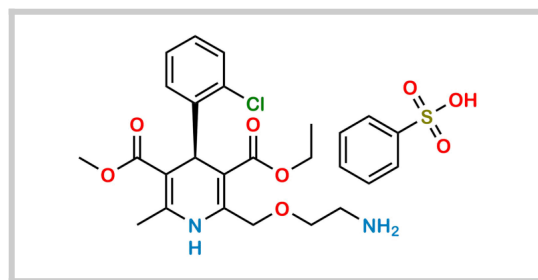
3-Ethyl 5-methyl (R)-2-((2-aminoethoxy)methyl)-4-(2-chlorophenyl)-6-methyl-1,4-dihydropyridine-3,5-dicarboxylate benzenesulfonate (as per USP)

CAT No. : KMA011005

CAS No. : 828247-64-9

Molecular Formula : C<sub>20</sub>H<sub>25</sub>ClN<sub>2</sub>O<sub>5</sub> : C<sub>6</sub>H<sub>6</sub>O<sub>3</sub>S

Molecular Weight : 408.9 : 158.2



### Analytical Information

Batch No. : A011005-091-051

Description : White Solid

HPLC Purity : 99.97 %

Weight Loss By TGA : 2.32 %

% Potency : 97.65 %

Solubility : Water

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 - 2.32(Weight Loss By TGA)] x [99.97(HPLC Purity)]/100 = 97.65 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		29/11/2024
Reviewed & Approved By	Quality Control	Jatin Patel		29/11/2024

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