

# CERTIFICATE OF ANALYSIS

(Certificate No. KMA011099-01)

Release Date: 18/12/2024

Re-test Date: 17/12/2027

## (S)-Amlodipine Besylate

### Identification

**Chemical Name :**

3-Ethyl 5-methyl (S)-2-((2-aminoethoxy)methyl)-4-(2-chlorophenyl)-6-methyl-1,4-dihydropyridine-3,5-dicarboxylate benzenesulfonate

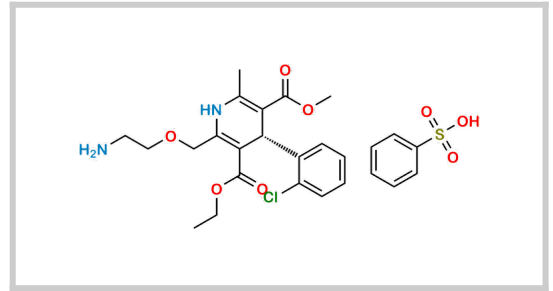
**Alt. Name** : S-Amlodipine Besylate

**CAT No.** : KMA011099

**CAS No.** : 150566-71-5

**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 : 158.1



### Analytical Information

**Batch No.** : A011099-091-090

**Description** : White Solid

**HPLC Purity** : 99.99 %

**Weight Loss By TGA** : 0.80 %

**% Potency** : 99.19 %

**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 - 0.80(Weight Loss By TGA)] x [99.99(HPLC Purity)]/100 = 99.19 %

**Recommendation** : Released

	Department	Name	Signature	Date
<b>Prepared By</b>	Analytical	Jignesh Patel		18/12/2024
<b>Reviewed &amp; Approved By</b>	Quality Control	Jatin Patel		18/12/2024

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