# CERTIFICATE OF ANALYSIS

(Certificate No. KMS014090-01)

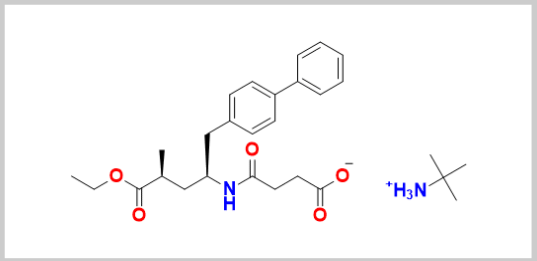
**Release Date:** 23/01/2026 **Re-test Date:** 22/01/2029

## Sacubitril (S,S) Isomer

## Identification

**Chemical Name** :
2-methylpropan-2-aminium 4-(((2S,4S)-1-([1,1'-biphenyl]-4-yl)-5-ethoxy-4-methyl-5-oxopentan-2-yl)amino)-4-oxobutanoate

| | |
|---|---|
| **CAT No.** | : KMS014090 |
| **CAS No.** | : Not Available ; 149709-63-7 (free base) |
| **Molecular Formula** | : C24H28NO5 : C4H12 |
| **Molecular Weight** | : 410.48 : 74.14 |



## Analytical Information

| | |
|---|---|
| **Batch No.** | : S014090-114-110 |
| **Description** | : Pale Yellow Solid |
| **HPLC Purity** | : 90.38 % |
| **Weight Loss By TGA** | : 3.44 % |
| **% Potency** | : 87.27 % |
| **Solubility** | : Water : ACN (70 : 30) + 0.025 % TFA |
| **Mass** | : Confirm |
| **IR** | : Confirm |
| **1H 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 - 3.44(Weight Loss By TGA)] x [90.38(HPLC Purity)]/100 = 87.27 %

**Recommendation** : Released

| | Department | Name | Signature | Date |
|---|---|---|---|---|
| **Prepared By** | Analytical | Jignesh Patel | | 23/01/2026 |
| **Reviewed & Approved By** | Quality Control | Jatin Patel | | 23/01/2026 |

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