# CERTIFICATE OF ANALYSIS

(Certificate No. KMP008087-01)

**Release Date:** 30/10/2025 **Re-test Date:** 29/10/2028

## Phenylephrine Related Compound G

## Identification

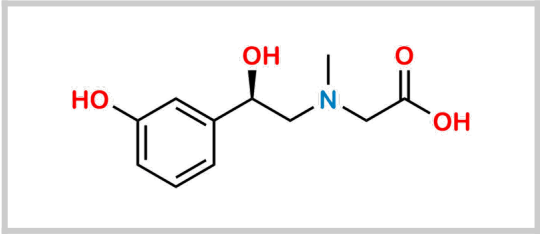
**Chemical Name** :
(R)-N-(2-hydroxy-2-(3-hydroxyphenyl)ethyl)-N-methylglycine

**CAT No.** : KMP008087

**CAS No.** : 1094089-46-9

**Molecular Formula** : C11H15NO4

**Molecular Weight** : 225.2




## Analytical Information

| | | | |
|---|---|---|---|
| **Batch No.** | : PHE-IMP-G-011-061 | **Solubility** | : ACN : Water (1:1) |
| **Description** | : Off White Solid | **Mass** | : Confirm |
| **HPLC Purity** | : 97.84 % | **IR** | : Confirm |
| **Weight Loss By TGA** | : 0.08 % | **1H NMR** | : Confirm |
| **% Potency** | : 97.76 % | | |

## 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 - 0.08(Weight Loss By TGA)] x [97.84(HPLC Purity)]/100 = 97.76 %
-Re-tested on 31.10.2025

**Recommendation** : Released

| | Department | Name | Signature | Date |
|---|---|---|---|---|
| **Prepared By** | Analytical | Jignesh Patel | | 31/10/2025 |
| **Reviewed & Approved By** | Quality Control | Jatin Patel | | 31/10/2025 |

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