

# 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 :**

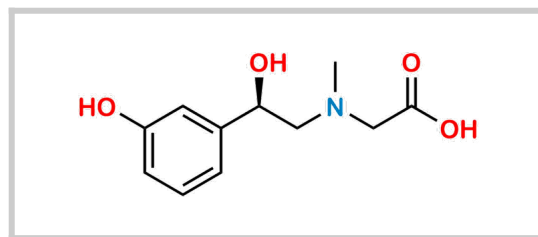
(R)-N-(2-hydroxy-2-(3-hydroxyphenyl)ethyl)-N-methylglycine

CAT No. : KMP008087

CAS No. : 1094089-46-9

Molecular Formula : C<sub>11</sub>H<sub>15</sub>NO<sub>4</sub>

Molecular Weight : 225.2



### Analytical Information

Batch No. : PHE-IMP-G-011-061

Description : Off White Solid

HPLC Purity : 97.84 %

Weight Loss By TGA : 0.08 %

% Potency : 97.76 %

Solubility : ACN : Water (1:1)

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 - 0.08(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, <sup>1</sup>H NMR, IR and TGA