# CERTIFICATE OF ANALYSIS

(Certificate No. KMM003004-02)

**Release Date:** 01/02/2025 **Re-test Date:** 31/01/2028

## DES HYDROXY MRB-II-IMPURITY STANDARD

## Identification

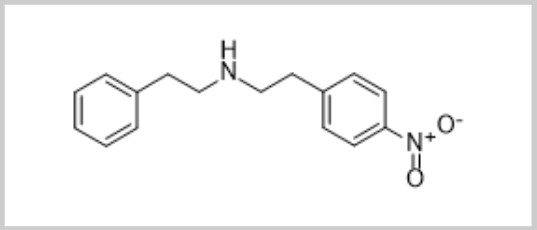
**Chemical Name** :
N-(4-nitrophenethyl)-2-phenylethanamine

**CAT No.** : KMM003004

**CAS No.** : 1154949-80-0

**Molecular Formula** : C16H18N2O2

**Molecular Weight** : 270.33



## Analytical Information

| | | | |
|---|---|---|---|
| **Batch No.** | : M003004-091-202 | **Solubility** | : Methanol |
| **Description** | : Off White Solid | **Mass** | : Confirm |
| **HPLC Purity** | : 99.86 % | **IR** | : Confirm |
| **Weight Loss By TGA** | : 0.24 % | **1H NMR** | : Confirm |
| **% Potency** | : 99.62 % | | |

## 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 - 0.24(Weight Loss By TGA)] x [99.86(HPLC Purity)]/100 = 99.62 %

**Recommendation** : Released

| | Department | Name | Signature | Date |
|---|---|---|---|---|
| **Prepared By** | Analytical | Jignesh Patel | | 05/02/2025 |
| **Reviewed & Approved By** | Quality Control | Jatin Patel | | 05/02/2025 |

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