

# 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

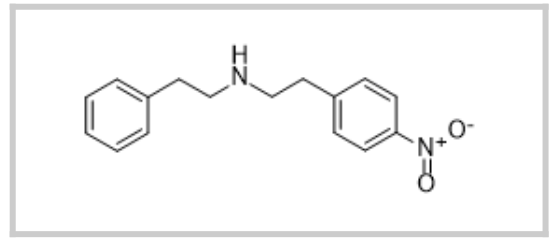
**Chemical Name :**  
N-(4-nitrophenethyl)-2-phenylethanamine

**CAT No.** : KMM003004

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

**Molecular Formula** : C<sub>16</sub>H<sub>18</sub>N<sub>2</sub>O<sub>2</sub>

**Molecular Weight** : 270.33



### Analytical Information

**Batch No.** : M003004-091-202

**Description** : Off White Solid

**HPLC Purity** : 99.86 %

**Weight Loss By TGA** : 0.24 %

**% Potency** : 99.62 %

**Solubility** : Methanol

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

**Recommendation** : Released

	Department	Name	Signature	Date
<b>Prepared By</b>	Analytical	Jignesh Patel		05/02/2025
<b>Reviewed &amp; Approved By</b>	Quality Control	Jatin Patel		05/02/2025

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