

# CERTIFICATE OF ANALYSIS

(Certificate No. KMM003005-01)

Release Date: 07/08/2024

Re-test Date: 06/08/2027

## N-Ethyl MRB-II

### Identification

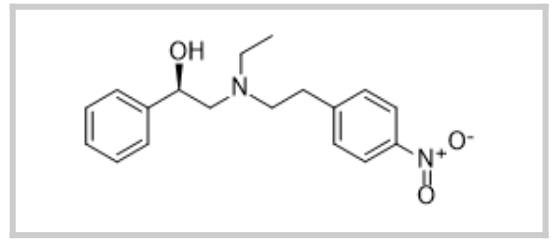
**Chemical Name :**  
(R)-2-(ethyl(4-nitrophenethyl)amino)-1-phenylethanol

**CAT No.** : KMM003005

**CAS No.** : Not Available

**Molecular Formula** : C<sub>18</sub>H<sub>22</sub>N<sub>2</sub>O<sub>3</sub>

**Molecular Weight** : 314.38



### Analytical Information

**Batch No.** : MIR-IMP-40-073-321

**Solubility** : ACN

**Description** : Brown Thick Syrup

**Mass** : Confirm

**HPLC Purity** : 99.70 %

**IR** : Confirm

**Weight Loss By TGA** : 0.12 %

**<sup>1</sup>H NMR** : Confirm

**% Potency** : 99.58 %

### 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 - 0.12(Weight Loss By TGA)] x [99.70(HPLC Purity)]/100 = 99.58 %

**Recommendation** : Released

	Department	Name	Signature	Date
<b>Prepared By</b>	Analytical	Jignesh Patel		07/08/2024
<b>Reviewed &amp; Approved By</b>	Quality Control	Jatin Patel		07/08/2024

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