

# CERTIFICATE OF ANALYSIS

(Certificate No. KMM003079-02)

Release Date: 14/02/2025

Re-test Date: 20/02/2028

## N'-METHYL MRB-III

### Identification

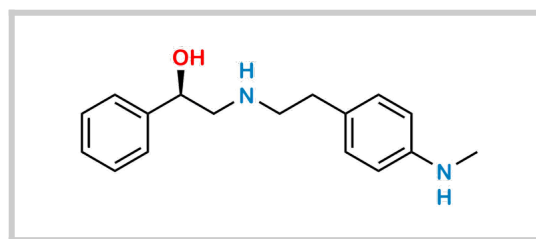
**Chemical Name :**  
(R)-2-((4-(Methylamino)phenethyl)amino)-1-phenylethan-1-ol

**CAT No.** : KMM003079

**CAS No.** : 2882917-53-3

**Molecular Formula** : C<sub>17</sub>H<sub>22</sub>N<sub>2</sub>O

**Molecular Weight** : 270.4



### Analytical Information

**Batch No.** : M003079-091-209

**Description** : Off White Solid

**HPLC Purity** : 92.86 %

**Weight Loss By TGA** : 0.84 %

**% Potency** : 92.08 %

**Solubility** : \*Refer in Additional information

**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 - 0.84(Weight Loss By TGA)] x [92.86(HPLC Purity)]/100 = 92.08 %

\*Solubility: Insoluble in Water and Freely Soluble in 2mg/0.5 ml methanol

**Recommendation** : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		14/02/2025
Reviewed & Approved By	Quality Control	Jatin Patel		14/02/2025

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