

# CERTIFICATE OF ANALYSIS

(Certificate No. KML020013-01)

Release Date: 27/01/2023

Re-test Date: 26/01/2026

## Pregabalin (R)-1-Phenylethanamine Impurity

### Identification

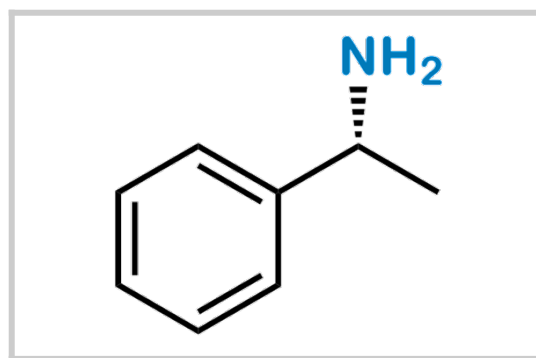
**Chemical Name :**  
(1R)-1-Phenylethan-1-amine (as per EP)

**CAT No.** : KML020013

**CAS No.** : 3886-69-9

**Molecular Formula** : C<sub>8</sub>H<sub>11</sub>N

**Molecular Weight** : 121.2



### Analytical Information

**Batch No.** : PRE-MBA-09-099

**Description** : Colorless Liquid

**HPLC Purity** : 99.88 %

**Weight Loss By TGA** : 0.31 %

**% Potency** : 99.57 %

**Solubility** : Acetonitrile

**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 - 0.31(Weight Loss By TGA)] x [99.88(HPLC Purity)]/100 = 99.57 %

Remarks : COA Re-generated on 21.09.2024

**Recommendation** : Released

	Department	Name	Signature	Date
<b>Prepared By</b>	Analytical	Jignesh Patel		13/11/2024
<b>Reviewed &amp; Approved By</b>	Quality Control	Jatin Patel		13/11/2024

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