

# CERTIFICATE OF ANALYSIS

(Certificate No. KMA033001-01)

Release Date: 07/11/2023

Re-test Date: 06/11/2026

## Alverine Impurity C

### Identification

**Chemical Name :**  
N-ethyl-3-phenylpropan-1-amine

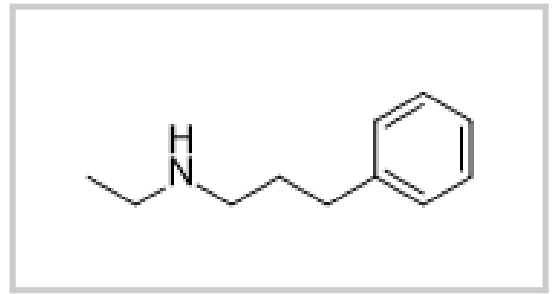
**Alt. Name** : N-Ethylbenzenepropanamine

**CAT No.** : KMA033001

**CAS No.** : 13125-62-7

**Molecular Formula** : C11H17N

**Molecular Weight** : 163.26



### Analytical Information

**Batch No.** : ALV-IMP-C-045-308

**Solubility** : ACN

**Description** : Off White Solid

**Mass** : Confirm

**HPLC Purity** : 94.68 %

**IR** : Confirm

**Weight Loss By TGA** : 0.04 %

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

**% Potency** : 94.64 %

### 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** =  $[100 - 0.04(\text{Weight Loss By TGA})] \times [94.68(\text{HPLC Purity})]/100 = 94.64 \%$

Remarks : COA Re-generated on 12.04.2024

**Recommendation** : Released

	Department	Name	Signature	Date
<b>Prepared By</b>	Analytical	Jignesh Patel		12/04/2024
<b>Reviewed &amp; Approved By</b>	Quality Control	Jatin Patel		12/04/2024

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