# **CERTIFICATE OF ANALYSIS**

(Certificate No. KME003003-01)

**Release Date:** 23/08/2023 **Re-test Date:** 22/08/2026

# **Erlotinib Impurity C**

#### **Identification**

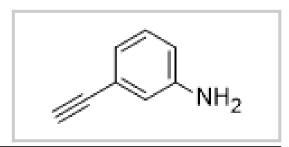
**Chemical Name**: 3-ethynylaniline

**CAT No.** : KME003003

**CAS No.** : 54060-30-9

Molecular Formula : C8H7N

**Molecular Weight** : 117.15



: Confirm

1H NMR

## **Analytical Information**

**Batch No.** : ERL-IMP-B-045-255 **Solubility** : ACN

Description : Yellow Liquid Mass : Confirm

**HPLC Purity** : 99.69 % **IR** : Confirm

**% Potency** : 99.25 %

## **Additional Information**

Weight Loss By KF

**Long Term Storage** : Store at 2-8 deg. C for long term storage

: 0.44 %

**Shipping Condition** : Product is stable to be shipped at room temperature

**% Potency =** [100 - 0.44(Weight Loss By KF)] x [99.69(HPLC Purity)]/100 = 99.25 %

Remarks: COA Re-generated on 15.03.2023

**Recommendation** : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		15/03/2024
Reviewed & Approved By	Quality Control	Jatin Patel		15/03/2024

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