

# CERTIFICATE OF ANALYSIS

(Certificate No. KMP016060-01)

Release Date: 19/01/2026

Re-test Date: 18/01/2029

## PHENOXYMETHYLPENICILLIN IMPURITY B

### Identification

**Chemical Name :**  
2-Phenoxyacetic acid

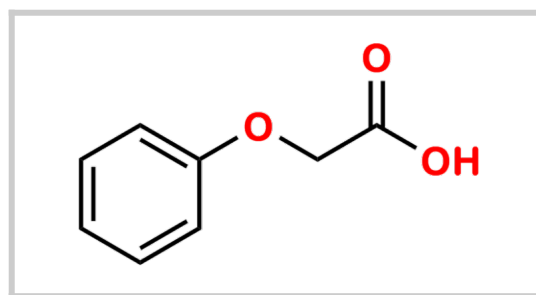
**Alt. Name** : Glycolic acid phenyl ether

**CAT No.** : KMP016060

**CAS No.** : 122-59-8

**Molecular Formula** : C<sub>8</sub>H<sub>8</sub>O<sub>3</sub>

**Molecular Weight** : 152.2



### Analytical Information

**Batch No.** : SP-012-082

**Description** : Off White Crystalline Solid

**HPLC Purity** : 99.20 %

**Weight Loss By TGA** : 0.27 %

**% Potency** : 98.93 %

**Solubility** : Water : ACN

**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 - 0.27(Weight Loss By TGA)] x [99.20(HPLC Purity)]/100 = 98.93 %

**Recommendation** : Released

	Department	Name	Signature	Date
<b>Prepared By</b>	Analytical	Jignesh Patel		26/02/2026
<b>Reviewed &amp; Approved By</b>	Quality Control	Jatin Patel		26/02/2026

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