

# CERTIFICATE OF ANALYSIS

(Certificate No. KMB003009-01)

**Release Date:** 29/01/2025

**Re-test Date:** 28/01/2028

## Chloropropiophenone

### Identification

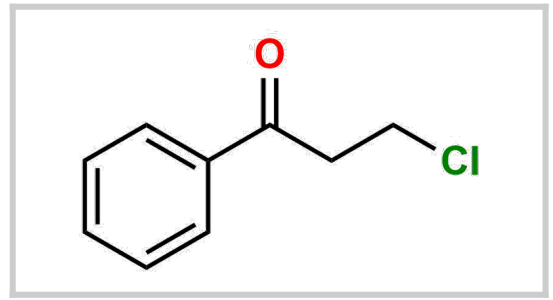
**Chemical Name :**  
3-Chloro-1-phenylpropan-1-one

**CAT No.** : KMB003009

**CAS No.** : 936-59-4

**Molecular Formula** : C<sub>9</sub>H<sub>9</sub>ClO

**Molecular Weight** : 168.6



### Analytical Information

**Batch No.** : B003009-091-173

**Description** : Light Brown Solid

**HPLC Purity** : 98.83 %

**Weight Loss By TGA** : 0.88 %

**% Potency** : 97.96 %

**Solubility** : Water : Methanol  
(1:1)

**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 - 0.88(Weight Loss By TGA)] x [98.83(HPLC Purity)]/100 = 97.96 %

**Recommendation** : Released

	<b>Department</b>	<b>Name</b>	<b>Signature</b>	<b>Date</b>
<b>Prepared By</b>	Analytical	Jignesh Patel		31/01/2025
<b>Reviewed &amp; Approved By</b>	Quality Control	Jatin Patel		31/01/2025

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