# CERTIFICATE OF ANALYSIS

(Certificate No. KMM001304-01)

**Release Date:** 22/08/2026 **Re-test Date:** 21/08/2029

## CLINDAMYCIN METHYL PALMITATE

## Identification

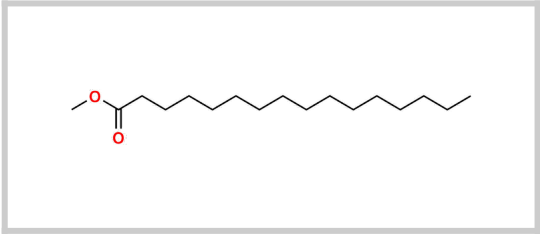
**Chemical Name** :
Methyl palmitate

**CAT No.** : KMM001304

**CAS No.** : 112-39-0

**Molecular Formula** : C17H34O2

**Molecular Weight** : 270.5



## Analytical Information

**Batch No.** : PAL-ME-030-113

**Description** : Colorless Liquid

**GC Purity** : 95.71 %

**Weight Loss By TGA** : 0.87 %

**% Potency** : 94.88 %

**Solubility** : Methanol

**Mass** : Confirm

**IR** : Confirm

**1H 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 - 0.87(Weight Loss By TGA)] x [95.71(GC Purity)]/100 = 94.88 %
-Re-tested on 22.08.2026

**Recommendation** : Released

| | Department | Name | Signature | Date |
|---|---|---|---|---|
| **Prepared By** | Analytical | Jignesh Patel | | 22/08/2026 |
| **Reviewed & Approved By** | Quality Control | Jatin Patel | | 22/08/2026 |

**Attachments** : COA, GC, MASS, 1HNMR, IR and TGA