

# CERTIFICATE OF ANALYSIS

(Certificate No. KMM001404-02)

Release Date: 30/03/2026

Re-test Date: 29/03/2029

## Methyl Palmitoleate

### Identification

**Chemical Name :**  
Methyl palmitoleate

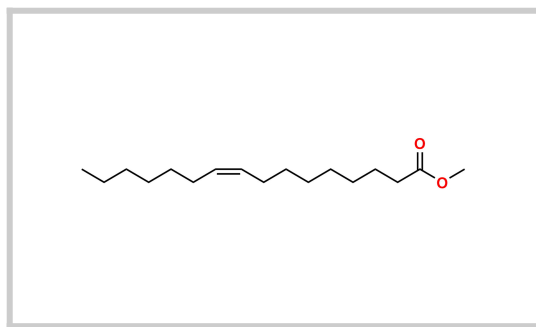
**Alt. Name** : Methyl (Z)-hexadec-9-enoate ; Methyl  
cis-9-hexadecenoate

**CAT No.** : KMM001404

**CAS No.** : 1120-25-8

**Molecular Formula** : C17H32O2

**Molecular Weight** : 268.4



### Analytical Information

**Batch No.** : M001404-114-227

**Description** : Colorless liquid

**GC Purity** : 99.07 %

**Weight Loss By TGA** : 0.18 %

**% Potency** : 98.89 %

**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** =  $[100 - 0.18(\text{Weight Loss By TGA})] \times [99.07(\text{GC Purity})]/100 = 98.89 \%$

**Recommendation** : Released

	Department	Name	Signature	Date
<b>Prepared By</b>	Analytical	Jignesh Patel		31/03/2026
<b>Reviewed &amp; Approved By</b>	Quality Control	Jatin Patel		31/03/2026

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