

# CERTIFICATE OF ANALYSIS

(Certificate No. KMM001404-01)

Release Date: 28/12/2024

Re-test Date: 27/12/2027

## Methyl Palmitoleate

### Identification

**Chemical Name :**  
Methyl palmitoleate

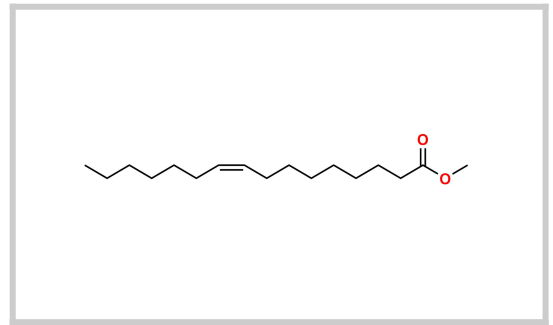
**Alt. Name** : Methyl (Z)-hexadec-9-enoate ; Methyl  
cis-9-hexadecenoate

**CAT No.** : KMM001404

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

**Molecular Formula** : C17H32O2

**Molecular Weight** : 268.4



### Analytical Information

**Batch No.** : M001404-091-038

**Solubility** : MDC

**Description** : Colorless Liquid

**Mass** : Confirm

**GC Purity** : 99.08 %

**IR** : Confirm

**Weight Loss By KF** : 0.44 %

**1H NMR** : Confirm

**% Potency** : 98.64 %

### 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** =  $[100 - 0.44(\text{Weight Loss By KF})] \times [99.08(\text{GC Purity})]/100 = 98.64 \%$

**Recommendation** : Released

	Department	Name	Signature	Date
<b>Prepared By</b>	Analytical	Parag Patel		26/12/2024
<b>Reviewed &amp; Approved By</b>	Quality Control	Jatin Patel		26/12/2024

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