

# **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

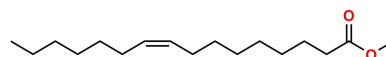
**Alt. Name** : Methyl (Z)-hexadec-9-enoate ; Methyl  
cis-9-hexadecenoate

**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 %

**<sup>1</sup>H 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(Weight Loss By KF)] x [99.08(GC Purity)]/100 = 98.64 %

**Recommendation** : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Parag Patel		26/12/2024
Reviewed & Approved By	Quality Control	Jatin Patel		26/12/2024

**Attachments** : COA, GC, MASS, <sup>1</sup>HNMR, IR and KF