

# **CERTIFICATE OF ANALYSIS**

(Certificate No. KMM001407-01)

**Release Date:** 10/12/2024

**Re-test Date:** 09/12/2027

## **Methyl Dodecanoate**

### **Identification**

**Chemical Name :**  
Methyl dodecanoate

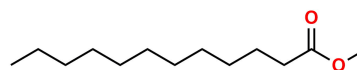
**Alt. Name** : Lauric Acid Methyl Ester

**CAT No.** : KMM001407

**CAS No.** : 111-82-0

**Molecular Formula** : C13H26O2

**Molecular Weight** : 214.3



### **Analytical Information**

**Batch No.** : M001407-091-069

**Solubility** : MDC

**Description** : Colorless Liquid

**Mass** : Confirm

**GC Purity** : 99.41 %

**IR** : Confirm

**Weight Loss By KF** : 0.21 %

**<sup>1</sup>H NMR** : Confirm

**% Potency** : 99.2 %

### **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** =  $[100 - 0.21(\text{Weight Loss By KF})] \times [99.41(\text{GC Purity})]/100 = 99.2 \%$

**Recommendation** : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		13/12/2024
Reviewed & Approved By	Quality Control	Jatin Patel		13/12/2024

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