

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

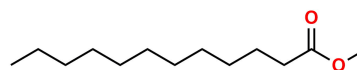
Alt. Name : Lauric Acid Methyl Ester

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 %

¹H 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, ¹HNMR, IR and KF