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

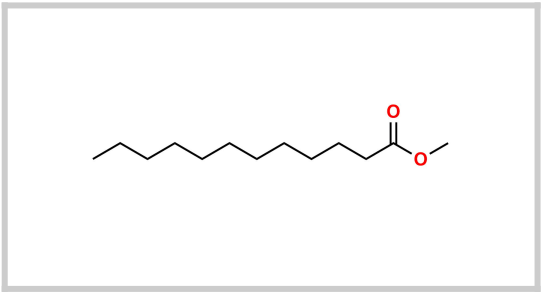
Alt. Name : Lauric Acid Methyl Ester

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(Weight Loss By KF)] x [99.41(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