CERTIFICATE OF ANALYSIS

(Certificate No. KML006088-01)

Release Date: 29/10/2024 **Re-test Date:** 28/10/2027

METHYL ESTER OF TRANS ACID

Identification

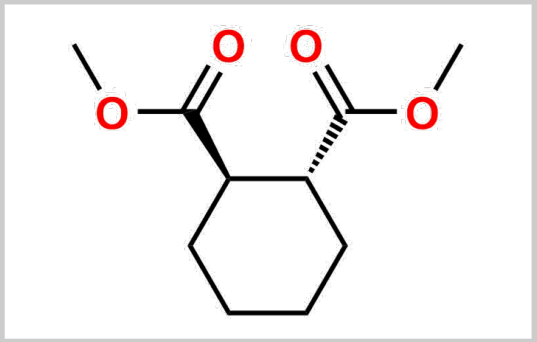
Chemical Name :
Dimethyl (1R,2R)-cyclohexane-1,2-dicarboxylate

CAT No. : KML006088

CAS No. : 140459-96-7

Molecular Formula : C10H16O4

Molecular Weight : 200.2



Analytical Information

Batch No.	: L006088-073-424	**Solubility**	: Methanol
Description	: Light Yellow Liquid	**Mass**	: Confirm
HPLC Purity	: 95.55 %	**IR**	: Confirm
Weight Loss By TGA	: 3.28 %	**1H NMR**	: Confirm
% Potency	: 92.42 %		

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 - 3.28(Weight Loss By TGA)] x [95.55(HPLC Purity)]/100 = 92.42 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		29/10/2024
Reviewed & Approved By	Quality Control	Jatin Patel		29/10/2024

Attachments : COA, HPLC, MASS, 1HNMR, IR and TGA