

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 :

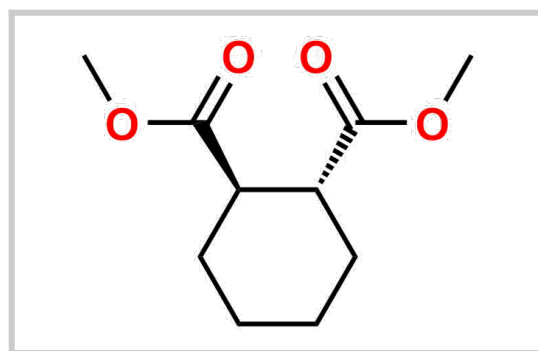
Dimethyl (1R,2R)-cyclohexane-1,2-dicarboxylate

CAT No. : KML006088

CAS No. : 140459-96-7

Molecular Formula : C₁₀H₁₆O₄

Molecular Weight : 200.2



Analytical Information

Batch No. : L006088-073-424

Description : Light Yellow Liquid

HPLC Purity : 95.55 %

Weight Loss By TGA : 3.28 %

% Potency : 92.42 %

Solubility : Methanol

Mass : Confirm

IR : Confirm

¹H NMR : Confirm

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