

CERTIFICATE OF ANALYSIS

(Certificate No. KMM001013-01)

Release Date: 20/05/2024

Re-test Date: 19/05/2027

2-Furaldehyde Diethyl Acetal

Identification

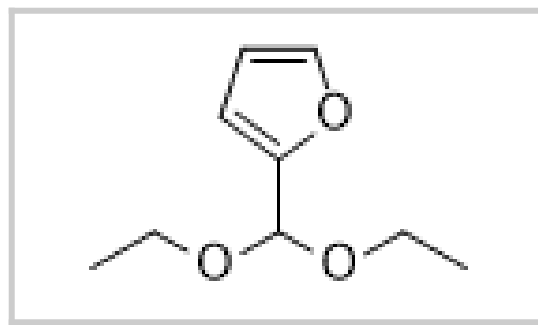
Chemical Name :
2-(diethoxymethyl)furan

CAT No. : KMM001013

CAS No. : 13529-27-6

Molecular Formula : C₉H₁₄O₃

Molecular Weight : 170.21



Analytical Information

Batch No. : 2-FUR-ACE-073-223

Description : Light Yellow Liquid

HPLC Purity : 96.95 %

Weight Loss By TGA : 2.28 %

% Potency : 94.74 %

Solubility : ACN

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 - 2.28(Weight Loss By TGA)] x [96.95(HPLC Purity)]/100 = 94.74 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		20/05/2024
Reviewed & Approved By	Quality Control	Jatin Patel		20/05/2024

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