

CERTIFICATE OF ANALYSIS

(Certificate No. KMA017001-01)

Release Date: 01/06/2023

Re-test Date: 31/05/2026

Furan-2-Carbaldehyde

Identification

Chemical Name :
furan-2-carbaldehyde

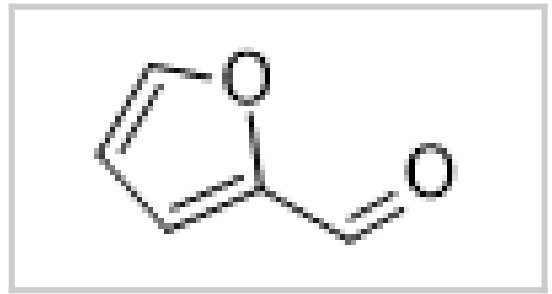
Alt. Name : Furfural ; 2-Furaldehyde

CAT No. : KMA017001

CAS No. : 98-01-1

Molecular Formula : C₅H₄O₂

Molecular Weight : 96.08



Analytical Information

Batch No. : ASC-EPA-045-116

Description : Yellow Liquid

HPLC Purity : 99.95 %

Weight Loss By KF : 0.24 %

% Potency : 99.71 %

Solubility : ACN : Water (7:3)

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 = $[100 - 0.24(\text{Weight Loss By KF})] \times [99.95(\text{HPLC Purity})]/100 = 99.71 \%$

Remarks : COA Re-generated on 11.05.2024

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		11/05/2024
Reviewed & Approved By	Quality Control	Jatin Patel		11/05/2024

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