

# **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

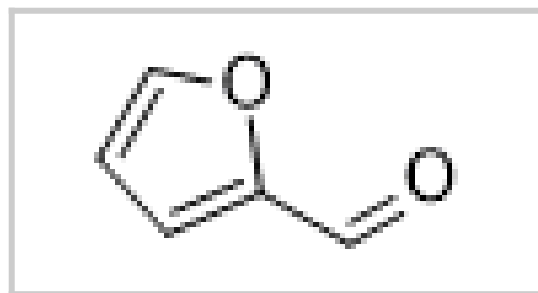
**Alt. Name** : Furfural ; 2-Furaldehyde

**CAT No.** : KMA017001

**CAS No.** : 98-01-1

**Molecular Formula** : C<sub>5</sub>H<sub>4</sub>O<sub>2</sub>

**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

**<sup>1</sup>H 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(Weight Loss By KF)] x [99.95(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, <sup>1</sup>HNMR, IR and KF