

# CERTIFICATE OF ANALYSIS

(Certificate No. KMM001013-01)

Release Date: 20/05/2024

Re-test Date: 19/05/2027

## 2-Furaldehyde Diethyl Acetal

### Identification

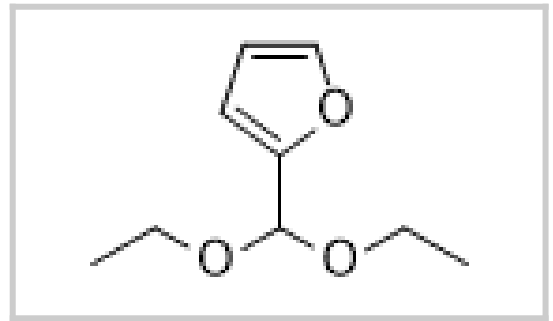
**Chemical Name :**  
2-(diethoxymethyl)furan

**CAT No.** : KMM001013

**CAS No.** : 13529-27-6

**Molecular Formula** : C<sub>9</sub>H<sub>14</sub>O<sub>3</sub>

**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

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

**Recommendation** : Released

	Department	Name	Signature	Date
<b>Prepared By</b>	Analytical	Jignesh Patel		20/05/2024
<b>Reviewed &amp; Approved By</b>	Quality Control	Jatin Patel		20/05/2024

**Attachments** : COA, HPLC, MASS, <sup>1</sup>H NMR, IR and TGA