

# **CERTIFICATE OF ANALYSIS**

(Certificate No. KMN064016-01)

**Release Date:** 28/10/2025

**Re-test Date:** 26/10/2028

## **NITROFURFURAL DIACETATE**

### **Identification**

**Chemical Name :**

5-nitrofuran-2-yl)methylene diacetate

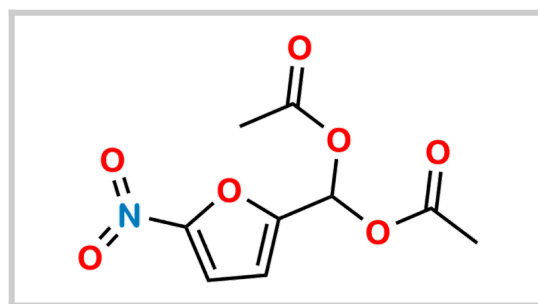
**Alt. Name** : Nitrofurfural Diacetate

**CAT No.** : KMN064016

**CAS No.** : 92-55-7

**Molecular Formula** : C<sub>9</sub>H<sub>9</sub>NO<sub>7</sub>

**Molecular Weight** : 243.2



### **Analytical Information**

**Batch No.** : N064016-102-352

**Description** : Light Brown Solid

**HPLC Purity** : 97.86 %

**Weight Loss By TGA** : 0.23 %

**% Potency** : 97.63 %

**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 - 0.23(Weight Loss By TGA)] x [97.86(HPLC Purity)]/100 = 97.63 %

**Recommendation** : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		28/10/2025
Reviewed & Approved By	Quality Control	Jatin Patel		28/10/2025

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