

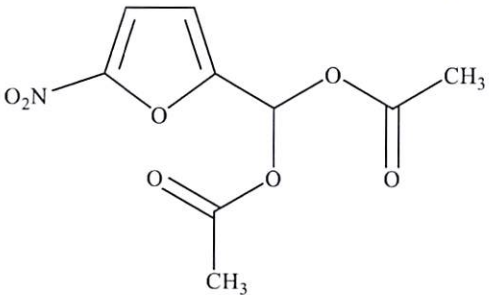
Certificate of Analysis

Certificate No.: 20240515504



Date: May 15, 2024

Retest date: May 13, 2027

Compound Name: Nifuratel Impurity 38 (Nitrofurfural Diacetate)	
Synonyms:	(5-Nitrofuran-2-yl)methylene diacetate
TLC Catalogue Number:	N-472
CAS Number:	92-55-7
Molecular Weight:	243.17
Molecular Formula:	C ₉ H ₉ NO ₇
Source:	TLC Pharmaceutical Standards
Source Lot No.:	1595-048A2
Storage Conditions:	Store at 2-8 °C
Solubility:	Methanol, DMSO



Test Description	Specifications	Results
Visual Description	Pale yellow solid	Conforms
Identification		
IR	Conforms to structure	Conforms
MS	Conforms to structure	Conforms
¹H NMR	Conforms to structure	Conforms
Purity (HPLC)	Not less than 95.0%	99.9%
Impurity (HPLC)	N/A	
Water Content (KF)	N/A	0.1%
Residual Solvents (NMR)	No residual solvent	
Assay (%)	Not less than 90.0%	99.8%
Recommendation:	Release.	

Name	Department	Signature	Date
Reviewed and approved by:	Quality Control		05/16/2024
Approved by:	Quality Assurance		05/16/2024

Attachments: HPLC, IR, MS and NMR spectra.