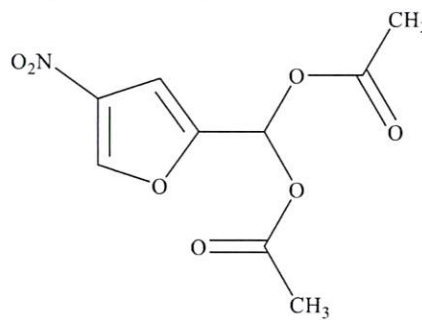


Certificate of Analysis



Certificate No.: 20251216009

Date: December 16, 2025

Retest date: December 15, 2028

Compound Name:	Nifuratel Impurity 28		
Synonyms:	(4-nitrofuran-2-yl)methylene diacetate		
TLC Catalogue Number:	N-4731		
CAS Number:	N/A		
Alternate CAS Number:	N/A		
Molecular Weight:	243.17		
Molecular Formula:	C ₉ H ₉ NO ₇		
Source:	TLC Pharmaceutical Standards		
Source Lot No.:	7079-088A4		
Storage Conditions:	Store at 2-8 °C		
Solubility:	Methanol, DMSO, DMF, Acetonitrile		

Test Description	Specifications	Results
Visual Description	White to off-white solid	Conforms
Identification		
IR	Conforms to structure	Conforms
MS	Conforms to structure	Conforms
¹ H 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)	0.2% ethyl acetate and 0.2% <i>n</i> -hexane	
Assay (%)	Not less than 90.0%	99.4%
Recommendation:	Release.	

Name	Department	Signature	Date
Reviewed and approved by:	Quality Control		12/16/2025
Approved by:	Quality Assurance		12/16/2025

Attachments: Peak Attribution Table, Assay Calculation, HPLC, IR, MS and NMR spectra.