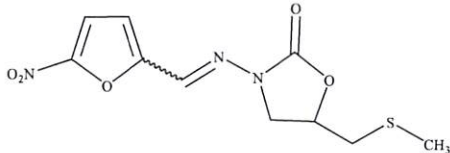


Certificate of Analysis


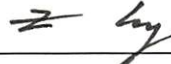
Certificate No.: 20260529504

Date: May 29, 2026

Retest date: May 27, 2029

Compound Name:	Nifuratel	
Synonyms:	5-((methylthio)methyl)-3-(((5-nitrofuran-2-yl)methylene)amino)oxazolidin-2-one	
TLC Catalogue Number:	N-471	
CAS Number:	4936-47-4	
Alternate CAS Number:	N/A	
Molecular Weight:	285.27	
Molecular Formula:	C ₁₀ H ₁₁ N ₃ O ₅ S	
Source:	TLC Pharmaceutical Standards	
Source Lot No.:	1376-078A1	
Storage Conditions:	Store at 2-8 °C	
Solubility:	Acetonitrile, DMSO	

Test Description	Specifications	Results
Visual Description	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%	100.0%
Impurity (HPLC)	N/A	
Water Content (KF)	N/A	0.2%
Residue (TGA at 900 °C)	N/A	0.0%
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		05/29/2026
Approved by:	Quality Assurance		05/29/2026

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