

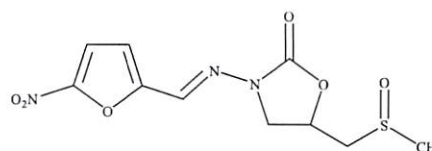
Certificate of Analysis

Certificate No.: 20260618510


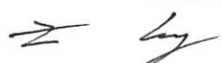
Date: June 18, 2026

Retest date: June 15, 2029

Compound Name: Nifuratel Impurity 2 (Mixture of Diastereomers)	
Synonyms:	(E)-5-((methylsulfinyl)methyl)-3-(((5-nitrofuran-2-yl)methylene)amino)oxazolidin-2-one
TLC Catalogue Number:	N-475
CAS Number:	1445990-09-9
Alternate CAS Number:	N/A
Molecular Weight:	301.27
Molecular Formula:	C ₁₀ H ₁₁ N ₃ O ₆ S
Source:	TLC Pharmaceutical Standards
Source Lot No.:	3716-038A6
Storage Conditions:	Store at 2-8 °C
Solubility:	Methanol, DMF, Acetonitrile



Test Description	Specifications	Results
Visual Description	Yellow 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%	100.0%
Impurity (HPLC)	N/A	
Water Content (KF)	N/A	0.2%
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		06/18/2026
Approved by:	Quality Assurance		06/18/2026

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