

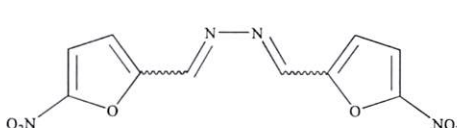
Certificate of Analysis

Certificate No.: **20260604506**


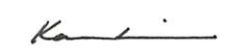
Date: June 4, 2026

Retest date: June 2, 2029

Compound Name: Nifuratel Impurity 39 (5-Nitrofuraldazine)	
Synonyms:	1,2-bis((5-nitrofuran-2-yl)methylene)hydrazine
TLC Catalogue Number:	N-473
CAS Number:	736-53-8
Alternate CAS Number:	N/A
Molecular Weight:	278.18
Molecular Formula:	C ₁₀ H ₆ N ₄ O ₆
Source:	TLC Pharmaceutical Standards
Source Lot No.:	1508-088A3
Storage Conditions:	Store at 2-8 °C
Solubility:	DMSO, Acetonitrile



Test Description	Specifications	Results
Visual Description	Orange 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)	RT 12.01, 0.12%	
Water Content (KF)	N/A	0.1%
Residual Solvents (NMR)	1.3% acetonitrile	
Assay (%)	Not less than 90.0%	98.5%
Recommendation:	Release.	

Name	Department	Signature	Date
Reviewed and approved by:	Quality Control		06/04/2026
Approved by:	Quality Assurance		06/04/2026

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