

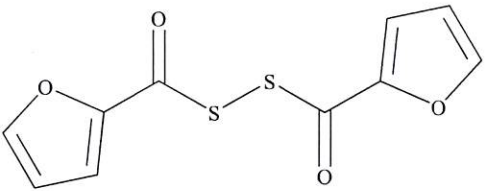
Certificate of Analysis

Certificate No.: **20250630004**



Date: June 30, 2025

Retest date: June 25, 2028

Compound Name: Difuroyl Disulfide	
Synonyms:	furan-2-carboxylic dithioperoxyanhydride
TLC Catalogue Number:	F-7213
CAS Number:	51278-29-6
Alternate CAS Number:	N/A
Molecular Weight:	254.27
Molecular Formula:	C ₁₀ H ₆ O ₄ S ₂
Source:	TLC Pharmaceutical Standards
Source Lot No.:	6834-094A2
Storage Conditions:	Store at 2-8 °C
Solubility:	Acetonitrile



Test Description	Specifications	Results
Visual Description	White to off-white 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	
Residual Solvents (NMR)	0.3% methanol and 0.2% dichloromethane	
Assay (qNMR)	Not less than 90.0%	98.8%
Recommendation:	Release.	

Name	Department	Signature	Date
Reviewed and approved by:	Quality Control		07/02/2025
Approved by:	Quality Assurance		07/02/2025

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