

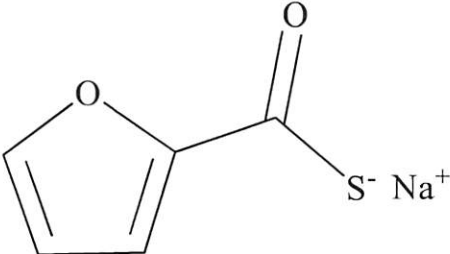
Certificate of Analysis

Certificate No.: 20250801512



Date: August 1, 2025

Retest date: July 24, 2028

Compound Name: 2-Furancarbothioic Acid Sodium Salt	
Synonyms:	furan-2-carbothioate, sodium salt (1:1)
TLC Catalogue Number:	F-117004
CAS Number:	7028-04-8
Alternate CAS Number:	4741-45-1 (free acid)
Molecular Weight:	127.14 22.99
Molecular Formula:	C ₅ H ₃ O ₂ S. Na
Source:	TLC Pharmaceutical Standards
Source Lot No.:	C0232-089A1
Storage Conditions:	Hygroscopic, store at 2-8 °C
Solubility:	DMSO, Water



Test Description	Specifications	Results
Visual Description	Pale 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	
Residual Solvents (NMR)	No residual solvent	
Assay (qNMR)	Not less than 85.0%	93.0%
Recommendation:	Release.	

Name	Department	Signature	Date
Reviewed and approved by:	Quality Control		08/01/2025
Approved by:	Quality Assurance		08/01/2025

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