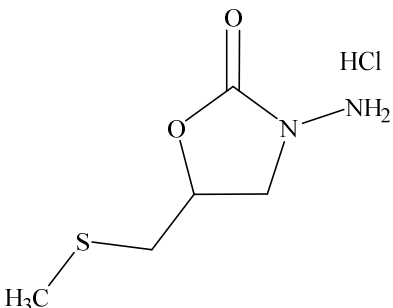


Certificate of Analysis

Certificate No.: **20170901001**

Date: September 1, 2017

Retest date: August 30, 2020

Compound Name: Nifuratel Impurity 6 HCl		
TLC Catalogue Number:	N-479	
CAS Number:	951781-95-6	
Molecular Weight:	162.21 36.46	
Molecular Formula:	C5H10N2O2S. HCl	
Source:	TLC Pharmaceutical Standards	
Source Lot No.:	2663-091A12	
Storage Conditions:	Store at 2-8 °C.	

Test Description	Specifications	Results
Visual Description	White to off-white solid	Conforms
Identification		
MS	Conforms to structure	Conforms
¹ H NMR	Conforms to structure	Conforms
Purity (HPLC)	Not less than 98.0%	100.0%
Residual Solvents (NMR)	0.1% methanol	
Assay (qNMR)	Not less than 95.0%	99.5%
Recommendation:	Released.	

Name	Department	Signature	Date
Reviewed and approved by:	Analytical Services		
Approved by:	Quality Assurance		

Attachments: HPLC, MS and NMR spectra.