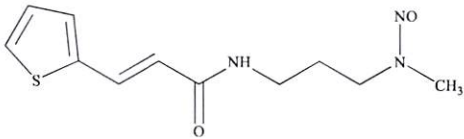


Certificate of Analysis



Certificate No.: 20260610005

Date: June 10, 2026

Retest date: June 5, 2029

Compound Name:	<i>N</i> -Nitroso Pyrantel Embonate EP Impurity B	
Synonyms:	<i>(E)</i> - <i>N</i> -(3-(methyl(nitroso)amino)propyl)-3-(thiophen-2-yl)acrylamide	
TLC Catalogue Number:	P-767	
CAS Number:	N/A	
Alternate CAS Number:	N/A	
Molecular Weight:	253.32	
Molecular Formula:	C ₁₁ H ₁₅ N ₃ O ₂ S	
Source:	TLC Pharmaceutical Standards	
Source Lot No.:	7445-043A4	
Storage Conditions:	Store at 2-8 °C	
Solubility:	Methanol, DMSO, DMF	

Test Description	Specifications	Results
Visual Description	Pale brown solid	Conforms
Identification		
MS	Conforms to structure	Conforms
¹ H NMR	Conforms to structure	Conforms
Purity (HPLC)	Not less than 95.0%	99.6%
Impurity (HPLC)	RT 2.26, 0.17%; RT 4.37, 0.14%	
Water Content (KF)	N/A	0.3%
Residual Solvents (NMR)	0.9% methanol and 0.2% dichloromethane	
Assay (%)	Not less than 90.0%	98.2%
Recommendation:	Release. The compound is an <i>N</i> -Nitroso product. Avoid using metal spatula and applying pressure. Wear proper personal protective equipment when handling.	

Name	Department	Signature	Date
Reviewed and approved by:	Quality Control		06/10/2026
Approved by:	Quality Assurance		06/10/2026

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