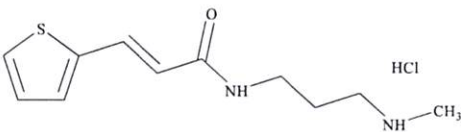


Certificate of Analysis



Certificate No.: **20260605003**

Date: June 5, 2026

Retest date: May 29, 2029

Compound Name:	Pyrantel Embonate EP Impurity B HCl	
Synonyms:	<i>(E)</i> - <i>N</i> -(3-(methylamino)propyl)-3-(thiophen-2-yl)acrylamide, hydrochloride (1:1)	
TLC Catalogue Number:	P-766	
CAS Number:	1449108-90-0	
Alternate CAS Number:	36700-39-7 (free base)	
Molecular Weight:	224.32 36.46	
Molecular Formula:	C ₁₁ H ₁₆ N ₂ OS · HCl	
Source:	TLC Pharmaceutical Standards	
Source Lot No.:	7445-038A3	
Storage Conditions:	Store at 2-8 °C	
Solubility:	Methanol, DMSO, DMF	

Test Description	Specifications	Results
Visual Description	White to off-white 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%	99.5%
Impurity (HPLC)	RT 11.50, 0.19%; RT 12.03, 0.26%	
Residual Solvents (NMR)	0.1% methanol and 0.2% acetonitrile	
Assay (qNMR)	Not less than 90.0%	93.5%
Recommendation:	Release.	

Name	Department	Signature	Date
Reviewed and approved by:	Quality Control		06/05/2026
Approved by:	Quality Assurance		06/05/2026

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