

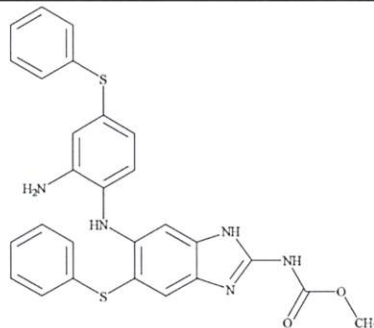
Certificate of Analysis

Certificate No.: **20251013002**



Date: October 13, 2025

Retest date: October 10, 2028

Compound Name: Fenbendazole EP Impurity C	
Synonyms:	methyl (6-((2-amino-4-(phenylthio)phenyl)amino)-5-(phenylthio)-1H-benzo[d]imidazol-2-yl)carbamate
TLC Catalogue Number:	F-132006
CAS Number:	N/A
Alternate CAS Number:	N/A
Molecular Weight:	513.63
Molecular Formula:	C ₂₇ H ₂₃ N ₅ O ₂ S ₂
Source:	TLC Pharmaceutical Standards
Source Lot No.:	7085-055A7
Storage Conditions:	Store at 2-8 °C
Solubility:	DMSO, solution of Methanol and Acetonitrile



Test Description	Specifications	Results
Visual Description	Pale purple 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%	98.8%
Impurity (HPLC)	RT 6.33, 0.38%; RT 12.10, 0.24%; RT 12.25, 0.31%	
Residual Solvents (NMR)	1.8% tetrahydrofuran	
Assay (qNMR)	Not less than 90.0%	97.4%
Recommendation:	Release.	

Name	Department	Signature	Date
Reviewed and approved by:	Quality Control		10/14/2025
Approved by:	Quality Assurance		10/14/2025

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