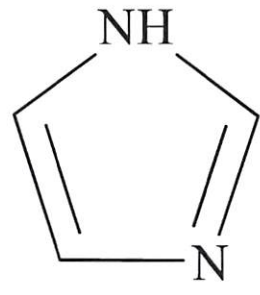


Certificate of Analysis



Certificate No.: 20251212506

Date: December 12, 2025

Retest date: December 10, 2028

Compound Name:	Enalapril EP Impurity I (Clotrimazole EP Impurity D, Bifonazole EP Impurity C, Ondansetron EP Impurity E, Sildenafil EP Impurity E, Zoledronic Acid EP Impurity C)	
Synonyms:	1 <i>H</i> -Imidazole	
TLC Catalogue Number:	E-0224	
CAS Number:	288-32-4	
Alternate CAS Number:	N/A	
Molecular Weight:	68.08	
Molecular Formula:	C ₃ H ₄ N ₂	
Source:	TLC Pharmaceutical Standards	
Source Lot No.:	2252-064A1	
Storage Conditions:	Store at 2-8 °C	
Solubility:	Acetonitrile, Methanol	

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%	99.8%
Impurity (HPLC)	RT 11.18, 0.14%	
Water Content (KF)	N/A	0.1%
Residual Solvents (NMR)	No residual solvent	
Assay (%)	Not less than 90.0%	99.7%
Recommendation:	Release.	

Name	Department	Signature	Date
Reviewed and approved by:	Quality Control		12/12/2025
Approved by:	Quality Assurance		12/12/2025

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