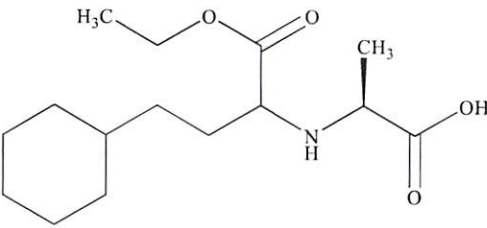


Certificate of Analysis



Certificate No.: **20250326017**

Date: March 26, 2025

Retest date: March 21, 2028

Compound Name:		Enalapril EP Impurity G (Mixture of Diastereomers)	
Synonyms:	(4-cyclohexyl-1-ethoxy-1-oxobutan-2-yl)-L-alanine		
TLC Catalogue Number:	E-0212		
CAS Number:	199001-95-1		
Alternate CAS Number:	N/A		
Molecular Weight:	285.38		
Molecular Formula:	C ₁₅ H ₂₇ NO ₄		
Source:	TLC Pharmaceutical Standards		
Source Lot No.:	6798-010A2		
Storage Conditions:	Store at 2-8 °C		
Solubility:	Methanol, DMSO, DMF, Alkaline solution		

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 6.17, 0.16%; RT 6.60, 0.31%	
Water Content (KF)	N/A	0.1%
Residual Solvents (NMR)	0.1% ethyl acetate	
Assay (%)	Not less than 90.0%	99.3%
Recommendation:	Release.	

Name	Department	Signature	Date
Reviewed and approved by:	Quality Control		03/26/2025
Approved by:	Quality Assurance		03/26/2025

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