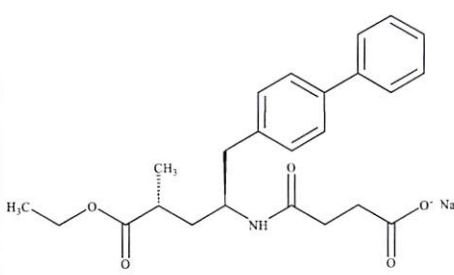


Certificate of Analysis

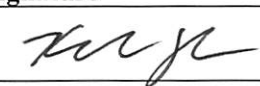
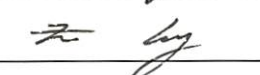
Certificate No.: 20251208005

Date: December 8, 2025

Retest date: December 3, 2028

Compound Name:	Sacubitril Sodium Salt	
Synonyms:	4-(((2S,4R)-1-([1,1'-biphenyl]-4-yl)-5-ethoxy-4-methyl-5-oxopentan-2-yl)amino)-4-oxobutanoate, sodium salt (1:1)	
TLC Catalogue Number:	S-072077	
CAS Number:	149690-05-1	
Alternate CAS Number:	149709-62-6 (free acid)	
Molecular Weight:	410.49 22.99	
Molecular Formula:	C ₂₄ H ₂₈ NO ₅ · Na	
Source:	TLC Pharmaceutical Standards	
Source Lot No.:	6931-068A1	
Storage Conditions:	Store at 2-8 °C	
Solubility:	Methanol, DMSO, DMF, Ethanol	

Test Description	Specifications	Results
Visual Description	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%	99.9%
Impurity (HPLC)	N/A	
Purity (Chiral HPLC)	Not less than 98.0%	100.0%
Optical Rotation	[α] _D ^{25.0} (c=10.34, CH ₃ OH): -11.4°	[α] _D ^{25.0} (c=0.35, CH ₃ OH): -10.4°
Residual Solvents (NMR)	No residual solvent	
Assay (qNMR)	Not less than 90.0%	97.6%
Recommendation:	Release.	

Name	Department	Signature	Date
Reviewed and approved by:	Quality Control		12/08/2025
Approved by:	Quality Assurance		12/08/2025

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