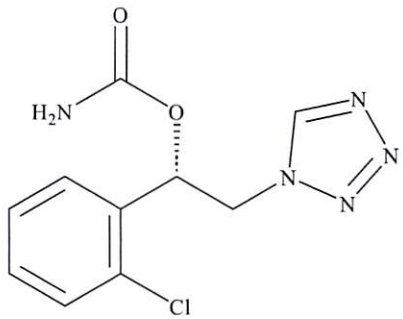
Certificate of Analysis

Certificate No.: **20260609011**

Date: June 9, 2026 Retest date: June 8, 2029

Compound Name:	**(S)-Cenobamate Impurity 1**
Synonyms:	(S)-1-(2-chlorophenyl)-2-(1*H*-tetrazol-1-yl)ethyl carbamate
TLC Catalogue Number:	C-406014
CAS Number:	913089-09-5
Alternate CAS Number:	913088-45-6 (Racemic)
Molecular Weight:	267.67
Molecular Formula:	$C_{10}H_{10}ClN_5O_2$
Source:	TLC Pharmaceutical Standards
Source Lot No.:	7399-086A2
Storage Conditions:	Store at 2-8 °C
Solubility:	Methanol, DMSO, Ethanol



Test Description	**Specifications**	**Results**
Visual Description	White to off-white solid	**Conforms**
Identification **IR** **MS** **^{1}H NMR**	 Conforms to structure Conforms to structure Conforms to structure	 **Conforms** **Conforms** **Conforms**
Purity (HPLC)	Not less than 95.0%	**99.7%**
Impurity (HPLC)	RT 14.23, 0.17%	
Purity (Chiral HPLC)	Not less than 98.0%	**98.5%**
Water Content (KF)	N/A	**0.1%**
Optical Rotation	N/A	$[\alpha]_D^{25.0}$(c=0.67, CH_3OH): **+14.0°**
Residual Solvents (NMR)	0.3% dichloromethane	
Assay (%)	Not less than 90.0%	**97.8%**
Recommendation:	**Release.**	

Name	**Department**	**Signature**	**Date**
Reviewed and approved by:	Quality Control		06/09/2026
Approved by:	Quality Assurance		06/09/2026

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