

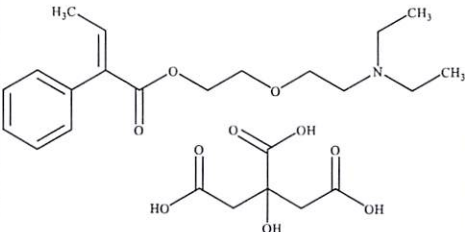
Certificate of Analysis

Certificate No.: **20260616015**



Date: June 16, 2026

Retest date: June 9, 2029

Compound Name: (E)-Dehydro Butamirate Citrate	
Synonyms:	2-(2-(diethylamino)ethoxy)ethyl (E)-2-phenylbut-2-enoate, 2-hydroxypropane-1,2,3-tricarboxylic acid (1:1)
TLC Catalogue Number:	B-103015
CAS Number:	N/A
Alternate CAS Number:	N/A
Molecular Weight:	305.42 192.12
Molecular Formula:	C ₁₈ H ₂₇ NO ₃ · C ₆ H ₈ O ₇
Source:	TLC Pharmaceutical Standards
Source Lot No.:	7450-039A2
Storage Conditions:	Store at 2-8 °C
Solubility:	Methanol, DMSO, Water



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%	98.5%
Impurity (HPLC)	RT 8.08, 1.47%	
Water Content (KF)	N/A	0.2%
Residual Solvents (NMR)	No residual solvent	
Assay (%)	Not less than 90.0%	98.3%
Recommendation:	Release. The compound contains 1.5% isomeric impurity (RT 8.08) according to its HPLC and LC-MS.	

Name	Department	Signature	Date
Reviewed and approved by:	Quality Control		06/16/2026
Approved by:	Quality Assurance		06/16/2026

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