

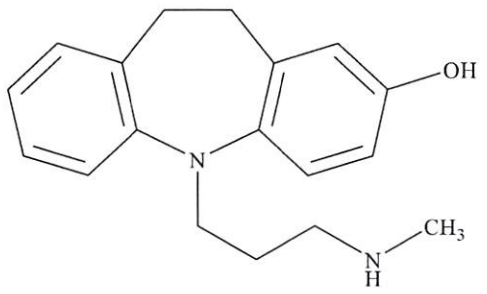
Certificate of Analysis

Certificate No.: 20250115502



Date: January 15, 2025

Retest date: January 13, 2028

Compound Name: 2-Hydroxy Desipramine	
Synonyms:	5-(3-(methylamino)propyl)-10,11-dihydro-5H-dibenzo[b,f]azepin-2-ol
TLC Catalogue Number:	D-021
CAS Number:	1977-15-7
Molecular Weight:	282.39
Molecular Formula:	C ₁₈ H ₂₂ N ₂ O
Source:	TLC Pharmaceutical Standards
Source Lot No.:	3145-056A3
Storage Conditions:	Store at 2-8 °C
Solubility:	Methanol, DMSO



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%	99.7%
Impurity (HPLC)	RT 9.60, 0.10%; RT 18.92, 0.16%	
Residual Solvents (NMR)	0.3% isopropanol and 0.2% methanol	
Assay (qNMR)	Not less than 90.0%	97.4%
Recommendation:	Release.	

Name	Department	Signature	Date
Reviewed and approved by:	Quality Control		01/15/2025
Approved by:	Quality Assurance		01/15/2025

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