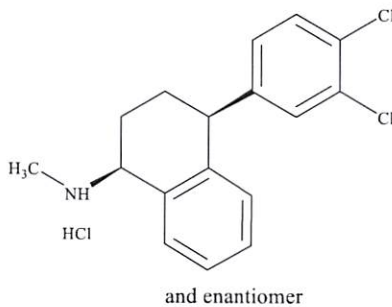


Certificate of Analysis



Certificate No.: 20241021011-2

Date: October 21, 2024

Retest date: October 17, 2027

Compound Name: <i>rel</i> -Sertraline HCl		 <p>and enantiomer</p>
Synonyms:	<i>rel</i> -(1 <i>S</i> ,4 <i>S</i>)-4-(3,4-dichlorophenyl)- <i>N</i> -methyl-1,2,3,4-tetrahydronaphthalen-1-amine, hydrochloride (1:1)	
TLC Catalogue Number:	S-0351	
CAS Number:	79617-89-3	
Alternate CAS Number:	79617-95-1 (free base)	
Molecular Weight:	306.23 36.46	
Molecular Formula:	C ₁₇ H ₁₇ Cl ₂ N · HCl	
Source:	TLC Pharmaceutical Standards	
Source Lot No.:	6557-015A3	
Storage Conditions:	Store at 2-8 °C	
Solubility:	Methanol, DMSO, 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%	99.4%
Impurity (HPLC)	RT 8.12, 0.61%	
Water Content (KF)	N/A	0.3%
Residual Solvents (NMR)	0.2% methanol	
Assay (%)	Not less than 90.0%	98.9%
Recommendation:	Release.	

Name	Department	Signature	Date
Reviewed and approved by:	Quality Control		10/10/2025
Approved by:	Quality Assurance		10/10/2025

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