CERTIFICATE OF ANALYSIS

(Certificate No. KMS003040-01)

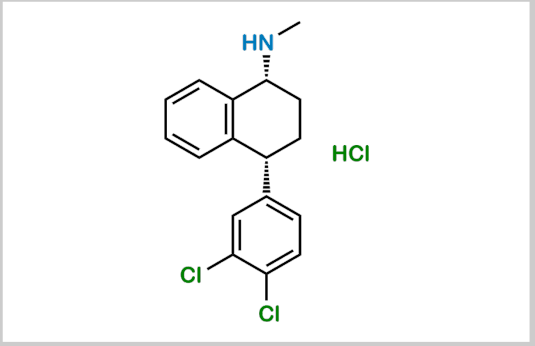
Release Date: 03/03/2026 **Re-test Date:** 02/03/2029

SERTRALINE ENANTIOMER

Identification

Chemical Name :
(1R,4R)-4-(3,4-Dichlorophenyl)-N-methyl-1,2,3,4-tetrahydronaphthalen-1-amine hydrochloride

Alt. Name	: Sertraline Enantiomer ; Sertraline (1R,4R)-cis-Isomer
CAT No.	: KMS003040
CAS No.	: 79645-15-1
Molecular Formula	: C17H17Cl2N : HCl
Molecular Weight	: 306.2 : 36.5



Analytical Information

Batch No.	: SP-0226-148
Description	: White Solid
HPLC Purity	: 94.66 %
Weight Loss By TGA	: 0.13 %
% Potency	: 94.54 %
Solubility	: DMSO and Methanol
Mass	: Confirm
IR	: Confirm
1H NMR	: Confirm
13C NMR	: Confirm

Additional Information

Long Term Storage : Store at 2-8 deg. C for long term storage

Shipping Condition : Product is stable to be Shipped at Room Temperature

% Potency = [100 - 0.13(Weight Loss By TGA)] x [94.66(HPLC Purity)]/100 = 94.54 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		03/03/2026
Reviewed & Approved By	Quality Control	Jatin Patel		03/03/2026

Attachments : COA, HPLC, MASS, 1HNMR, 13CNMR, IR and TGA