CERTIFICATE OF ANALYSIS

(Certificate No. KMS003041-01)

Release Date: 25/04/2026 **Re-test Date:** 24/04/2029

Sertraline Hydrochloride

Identification

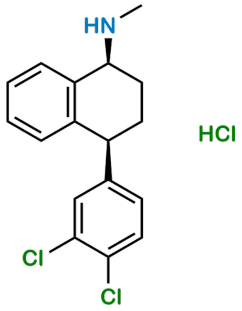
Chemical Name :
(1S,4S)-4-(3,4-Dichlorophenyl)-1,2,3,4-tetrahydro-N-methyl-1-napthalenamine hydrochloride

CAT No. : KMS003041

CAS No. : 79559-97-0

Molecular Formula : C17H17Cl2N : HCl

Molecular Weight : 306.2 : 36.5



Analytical Information

Batch No.	: S003041-114-276	**Solubility**	: ACN : Water
Description	: White Solid	**Mass**	: Confirm
HPLC Purity	: 99.70 %	**IR**	: Confirm
Weight Loss By TGA	: 1.35 %	**1H NMR**	: Confirm
% Potency	: 98.35 %		

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 - 1.35(Weight Loss By TGA)] x [99.70(HPLC Purity)]/100 = 98.35 %
-Customer batch no.: HASHC0241125

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		25/04/2026
Reviewed & Approved By	Quality Control	Jatin Patel		25/04/2026

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