

Registered Address: Chemicea Pharmaceuticals Pvt Ltd, Platinum Springs,  
Unit No- A- 205&206 Second floor, Plot No: G-6, G-20 to G 24, Taloja- MIDC, Opp. Dena Bank  
Navi Mumbai 410208, MH, INDIA. Email- [info@chemicea.com](mailto:info@chemicea.com) Mob- +91 9284897978

## CERTIFICATE OF ANALYSIS

Analysis Date: Feb 2026

Re-test Date: Jan 2029

**Product Name: Sertraline EP Impurity B**

### Identification:

Chemical Name: (1R,4R)-N-methyl-4-phenyl-1,2,3,4-tetrahydronaphthalen-1-amine,(as per EP)

Synonyms : 3,4-Dideschloro Sertraline HCl  
(USP) ; cis-3,4-Dideschloro  
Sertraline HCl ; Sertraline  
Phenyl Impurity

CAS Number : 52758-05-1

CAT Number : CP-S6002

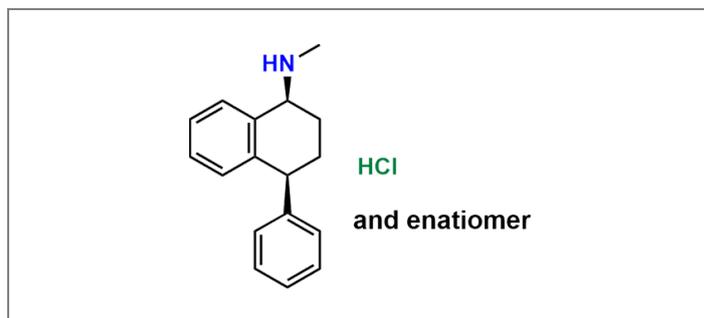
Molecular Formula : C<sub>17</sub>H<sub>19</sub>N : HCl

Molecular Weight : 237.35 : 36.46

Batch Number : CP-SER-B-0226

Storage Condition : Tightly closed, Inert atmosphere at 2 to 8° C

Shipping condition : All Products are stable to be shipped at room temperature, if specific condition required it is mention in the COA



### Analytical Information:

Sr. No.	Test	Result
1)	Description	White Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	>95%
5)	<sup>1</sup> HNMR	Confirm to structure
6)	IR	Confirm to Structure
7)	Weight loss by TGA	-
8)	Potency by TGA	-



Prepared and Reviewed By

Ms Priyanka Salunkhe  
(Quality Control)

Approved By

Ms Rohini Gagare  
(Quality Assurance)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.