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CERTIFICATE OF ANALYSIS

Analysis Date: Apr 2023

Re-test Date: Mar 2025

Product Name: Sertraline EP Impurity F

Identification:

Chemical Name: (R)-4-(3,4-Dichlorophenyl)-1-tetralone

Synonyms : Sertralone ; Sertraline Tetralone
(R)-Isomer

CAS Number : 155748-61-1

CAT Number : CP-S6006

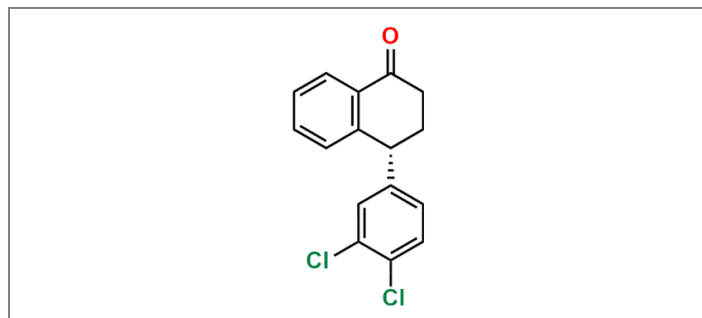
Molecular Formula : C₁₆H₁₂Cl₂O

Molecular Weight : 291.17

Batch Number : CHEM-SER-F

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	Off White Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	99.73%
5)	H1NMR	Confirm to structure
6)	13CNMR	Confirm to structure
7)	Weight loss by TGA	0.93%
8)	Potency by TGA	98.8%



Prepared and Reviewed By

Ms Priyanka Salunkhe
(Manager QC Analytical)

Approved By

Ms Rohini Gagare
(QA Head)

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