

## CERTIFICATE OF ANALYSIS OF REFERENCE STANDARD

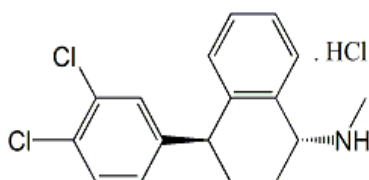
Reference Standard

Date:

**Sertraline Impurity A****Catalog NO: VL196009**

Batch No.:

IUPAC Name: Sertraline USP Related Compound A ; Sertraline trans-Isomer ;trans-4-(3,4-Dichlorophenyl)-1,2,3,4-tetrahydro-N-methyl -1-naphthalen amine hydrochloride

Molecular Formula: C<sub>17</sub>H<sub>18</sub>Cl<sub>3</sub>N

Molecular Weight: 342.69g/mol

Sr.#	Test	Results	Data ref.
1	Appearance	White solid	-----
2	Purity by HPLC	98.97%	Chromatogram attached
3	MASS	Conform	Report attached
4	<sup>1</sup> H NMR	Conform	Report attached

**Storage condition:** Store at 2-8 °C, protect from direct sunlight and Moisture.

This certificate of analysis is valid for three years from date of manufacturing, provided the substance is stored under suitable conditions.

**Manufacturing date:****Retest Date:****Document data reference:***Prepared by**Reviewed by**Approved by*