

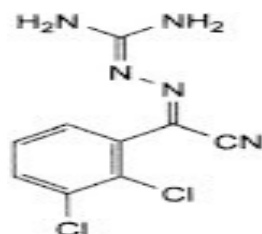
## CERTIFICATE OF ANALYSIS OF REFERENCE STANDARD

Reference Standard

Date:

**Lamotrigine EP Impurity B/ E-Isomer of Iminoguanidine For Lamotrigine****Catalog NO: VL980007****Batch No. :**

IUPAC Name: 2-Cyano-2-[(3,4-dichlorophenyl)hydrazono]acetamide

Molecular Formula: C<sub>9</sub>H<sub>7</sub>Cl<sub>2</sub>N<sub>5</sub>

Molecular weight: 256.09/mol

Sr.#	Test	Results	Data ref.
1	Appearance	White to off white solid	-----
2	Purity by HPLC	97.71%	Chromatogram attached
3	MASS	Confirm	Report attached
4	NMR	Confirm	Report attached

**Material Shipping Condition:** Store at normal temperature**Long term Storage:** Store at 2-8°C, protect from moisture and direct sunlight.

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*