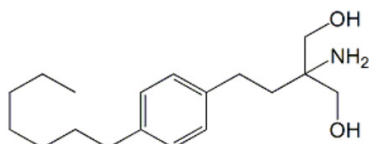


## CERTIFICATE OF ANALYSIS OF REFERENCE STANDARD

Reference Standard

Date:

**FIM-8-Fingolimod Heptane Impurity****Catalogue No.: VL1270011****Batch No.:****IUPAC Name:** 2-Amino-2-[2-(4-heptylphenyl)ethyl]propane-1,3-diol

Molecular Weight: 293.4 g/mol (Free base)

Molecular Formula: C<sub>18</sub>H<sub>32</sub>CINO<sub>2</sub>

Sr.#	Test	Results	Data ref.
1	Appearance	Off white solid	-----
2	Purity by HPLC	90.05 %	Chromatogram
3	Mass	Conform	Report attached
4	<sup>1</sup> H NMR	Conform	Report attached

**Material Shipping Conditions:** At Room Temperature.**Long term 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.

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