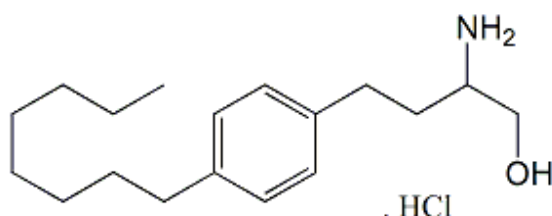


## CERTIFICATE OF ANALYSIS OF REFERENCE STANDARD

Reference Standard

Date:

**Fingolimod FIM8 Monohydroxy methyl Impurity****Catalogue No.: VL1270007****Batch No.:****IUPAC Name: 2-Amino-4-(4-octylphenyl)butane-1-ol HCl**

Molecular Weight: 313.91g/mol (Salt), 277.45g/mol (free base)

Molecular Formula: C<sub>18</sub>H<sub>32</sub>ClNO

Sr.#	Test	Results	Data ref.
1	Appearance	White solid	-----
2	Purity by HPLC	99.69%	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.

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