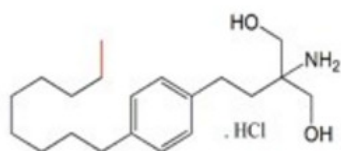


CERTIFICATE OF ANALYSIS OF REFERENCE STANDARD

Reference Standard

Date:

Fingolimod FIM8 Nonane Impurity**Catalogue No.: VL1270009****Batch No.:****IUPAC Name:** 2-Amino-2-[2-(4-nonylphenyl)ethyl]propane-1,3-diol HCl

Molecular Weight: 357.96 g/mol (Salt); 321.50 g/mol (Free Base)

Molecular Formula: C₂₀H₃₆ClNO₂

Sr.#	Test	Results	Data ref.
1	Appearance	Off white solid	-----
2	Purity by HPLC	98.89 %	Chromatogram
3	Mass	Conform	Report attached
4	¹ 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*