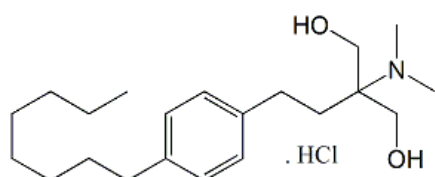


CERTIFICATE OF ANALYSIS OF REFERENCE STANDARD

Reference Standard

Date:

Fingolimod N,N-Dimethyl/Dimethylamino Impurity**Catalogue No.: VL1270008****Batch No.:****IUPAC Name:** 2-Dimethylamino-2-[2-(4-octylphenyl)ethyl]propane-1,3-diol HCl

Molecular Weight: 371.9 g/mol (Salt)

Molecular Formula: C₂₁H₃₈ClNO₂

Sr.#	Test	Results	Data ref.
1	Appearance	Off white solid	-----
2	Purity by HPLC	99.37 %	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*