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CERTIFICATE OF ANALYSIS

Analysis Date: Jul 2024

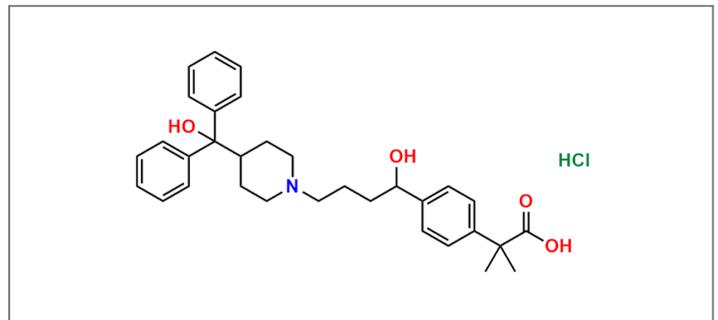
Re-test Date: Jun 2027

Product Name: Fexofenadine Hydrochloride (In House Standard)

Identification:

Chemical Name: 2-[4-[(1RS)-1-Hydroxy-4-[4-(hydroxydiphenylmethyl)piperidin-1-yl]butyl]phenyl]-2-methylpropanoic acid hydrochloride

Synonyms : NA
CAS Number : 153439-40-8
CAT Number : CP-F13010
Molecular Formula : C₃₂H₃₉NO₄ : HCl
Molecular Weight : 501.67 : 36.5
Batch Number : CP-FEX-IN-0724
Storage Condition : Tightly closed, Inert atmosphere at 2 to 8° C
Shipping condition : All Products are stable to be shipped at room temperature, if specific condition required it is mention in the COA



Analytical Information:

Sr. No.	Test	Result
1)	Description	White Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	99.70%
5)	¹ H NMR	Confirm to structure
6)	¹³ C NMR	Confirm to Structure
7)	IR	Confirm to Structure
8)	Weight loss by TGA	0.889%
9)	Potency by TGA	98.81%



Prepared and Reviewed By

Ms Priyanka Salunkhe
(Quality Control)

Approved By

Ms Rohini Gagare
(Quality Assurance)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.