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CERTIFICATE OF ANALYSIS

Analysis Date: Feb 2025

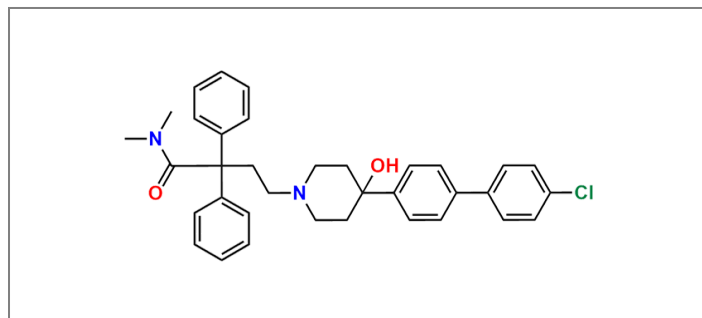
Re-test Date: Jan 2028

Product Name: Loperamide EP Impurity A

Identification:

Chemical Name: 4-(4-(4'-chloro-[1,1'-biphenyl]-4-yl)-4-hydroxypiperidin-1-yl)-N,N-dimethyl-2,2-diphenylbutanamide

Synonyms : NA
CAS Number : 1391052-94-0
CAT Number : CP-L22001
Molecular Formula : C35H37ClN2O2
Molecular Weight : 553.1
Batch Number : CP-LOP-A-0225



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	Off White Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	98.92%
5)	H1NMR	Confirm to structure
6)	13CNMR	Confirm to Structure
7)	IR	Confirm to Structure



Prepared and Reviewed By

Ms Priyanka Salunkhe
(Manager QC Analytical)

Approved By

Ms Rohini Gagare
(QA Head)

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