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CERTIFICATE OF ANALYSIS

Analysis Date:

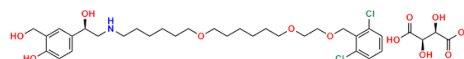
Re-test Date:

Product Name: Vilanterol Impurity 50 (L-Tartrate)

Identification:

Chemical Name: (R)-1-(2,6-dichlorophenyl)-21-(4-hydroxy-3-(hydroxymethyl)phenyl)-2,5,12-trioxa-19-azahenicosan-21-ol, L-tartrate (1:1)

Synonyms : NA
CAS Number : NA
CAT Number : CP-V22058
Molecular Formula : C₃₀H₄₅Cl₂N₆O₆ : C₄H₆O₆
Molecular Weight : 586.60 : 150.09



Analytical Information:

Sr. No.	Test	Result
1)	Description	Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	>95%
5)	H1NMR	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.