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CERTIFICATE OF ANALYSIS

Analysis Date:

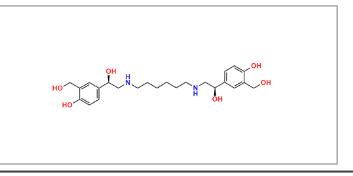
Re-test Date:

Product Name: Vilanterol Impurity 32

Identification:

Chemical Name: 4,4`-((1R,1`R)-(hexane-1,6-diylbis(azanediyl))bis(1-hydroxyethane-2,1-diyl))bis(2-(hydroxymethyl)phenol)

Synonyms	: NA
CAS Number	: NA
CAT Number	: CP-V22043
Molecular Formula	: C24H36N2O6
Molecular Weight	: 448.56



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.