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CERTIFICATE OF ANALYSIS

Analysis Date: Feb 2024

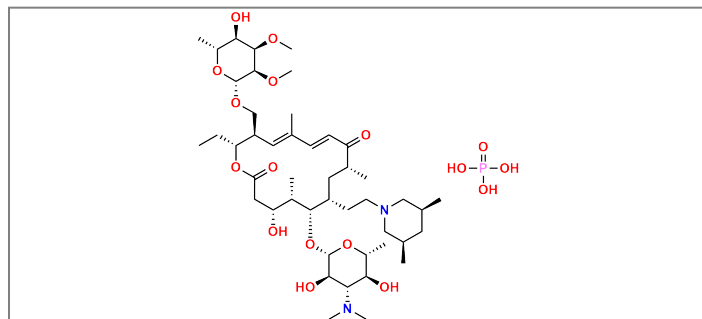
Re-test Date: Jan 2027

Product Name: Tilmicosin Phosphate (In House Standard)

Identification:

Chemical Name: (4R,5S,6S,7R,9R,11E,13E,15R,16R)-6-(((2R,3R,4S,5S,6R)-4-(dimethylamino)-3,5-dihydroxy-6-methyltetrahydro-2H-pyran-2-yl)oxy)-7-(2-((3S,5R)-3,5-dimethylpiperidin-1-yl)ethyl)-16-ethyl-4-hydroxy-15-(((2R,3R,4R,5R,6R)-5-hydroxy-3,4-dimethoxy-6-methyltetrahydro-2H-pyran-2-yl)oxy)methyl)-5,9,13-trimethyloxacyclohexadeca-11,13-diene-2,10-dione phosphate

Synonyms : NA
CAS Number : 137330-13-3
CAT Number : CP-T97000
Molecular Formula : C₄₆H₈₀N₂O₁₃ : H₃O₄P
Molecular Weight : 869.15 : 97.99
Batch Number : CP-TIL-PIN-0224
Storage Condition : Tightly closed, Inert atmosphere at -20° C
Shipping condition : At low temperature with dry ice and ice pack gel



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	95.34%
5)	H1NMR	Confirm to structure
6)	13CNMR	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.