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CERTIFICATE OF ANALYSIS

Analysis Date: Nov 2024

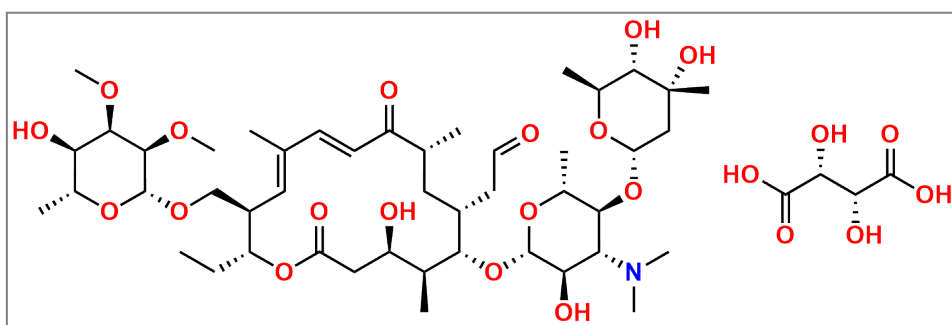
Re-test Date: Oct 2027

Product Name: Tylosin Tartrate (In House Standard)

Identification:

Chemical Name: 2-[(1R,3R,5E,7E,10R,14R,15S)-16-[(2R,3R,4R,5S,6R)-5-[(2S,4R,5S,6S)-4,5-dihydroxy-4,6-dimethyloxan-2-yl]oxy-4-(dimethylamino)-3-hydroxy-6-methyloxan-2-yl]oxy-10-ethyl-14-hydroxy-9-[[[(2R,3R,4R,5R,6R)-5-hydroxy-3,4-dimethoxy-6-methyloxan-2-yl]oxymethyl]-3,7,15-trimethyl-4,12-dioxo-11-oxa-1-yl]acetaldehyde Tartrate

Synonyms : NA
CAS Number : 74610-55-2
CAT Number : CP-T197001
Molecular Formula : C₄₆H₇₇N₂O₁₇ : C₄H₆O₆
Molecular Weight : 916.11 : 150.09



Batch Number : CP-TYL-TAR-1024

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 to Off White Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	91.54 %
5)	H1NMR	Confirm to structure
6)	13CNMR	Confirm to Structure
7)	IR	Confirm to Structure
8)	Weight loss by TGA	0.851%
9)	Potency by TGA	90.76 %



Prepared and Reviewed By

A handwritten signature in blue ink, appearing to read "Priyanka Salunkhe".

Ms Priyanka Salunkhe
(Manager QC Analytical)

Approved By

A handwritten signature in blue ink, appearing to read "Rohini Gagare".

Ms Rohini Gagare
(QA Head)

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