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CERTIFICATE OF ANALYSIS

Analysis Date:

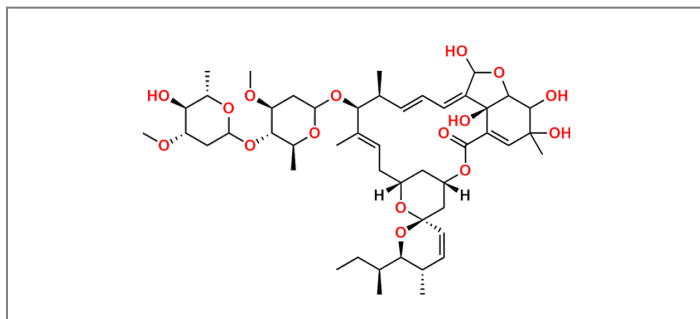
Re-test Date:

Product Name: 4,8a-dihydroxy-avermectin B1a

Identification:

Chemical Name: (2S,2a`Z,2a1`R,4`E,5S,6R,6`S,7`S,8`E,11`R,15`S)-6-((S)-sec-butyl)-2`,2a1`,19`,20`-tetrahydroxy-7`-(((4S,5S,6S)-5-(((4S,5S,6S)-5-hydroxy-4-methoxy-6-methyltetrahydro-2H-pyran-2-yl)oxy)-4-methoxy-6-methyltetrahydro-2H-pyran-2-yl)oxy)-5,6`,8`,19`-tetramethyl-2a1`,5,6,6`,7`,10`,11`,14`,15`,19`,20`,20a`-dodecahydro-2`H,17`H-spiro[pyran-2,13`-[11,15]methano[1,5]dioxacyclooctadecino[9,8,7-cd]benzofuran]-17`-one

Synonyms : NA
CAS Number : NA
CAT Number : CP-A133010
Molecular Formula : C₄₈H₇₂O₁₆
Molecular Weight : 905.1



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.