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CERTIFICATE OF ANALYSIS

Analysis Date: Nov 2024

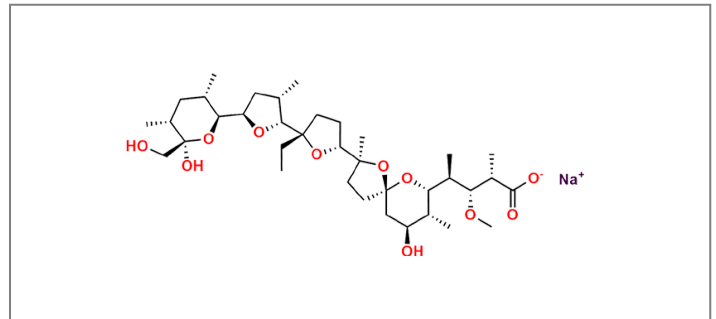
Re-test Date: Oct 2027

Product Name: Monensin Sodium (In House Standard)

Identification:

Chemical Name: Sodium (2S,3R,4S)-4-[(2S,5R,7S,8R,9S)-2-[(2S,2'R,3'S,5R,5'R)-2-Ethyl-5'-[(2S,3S,5R,6R)-6-hydroxy-6-(hydroxymethyl)-3,5-dimethyltetrahydro-2H-pyran-2-yl]-3'-methyloctahydro-[2,2'-bifuran]-5-yl]-9-hydroxy-2,8-dimethyl-1,6-dioxaspiro[4.5]decan-7-yl]-3-methoxy-2-methylpentanoate

Synonyms : NA
CAS Number : 22373-78-0
CAT Number : CP-M158001
Molecular Formula : C₃₆H₆₁O₁₁ : Na
Molecular Weight : 669.87 : 23.00
Batch Number : CP-MON-SOD-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
3)	MASS By LCMS	Confirm to structure
4)	Assay by NMR	99.58 %
5)	H1NMR	Confirm to structure
6)	Weight loss by TGA	7.579 %
7)	Potency by TGA	92.03 %



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.