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## CERTIFICATE OF ANALYSIS

Analysis Date:

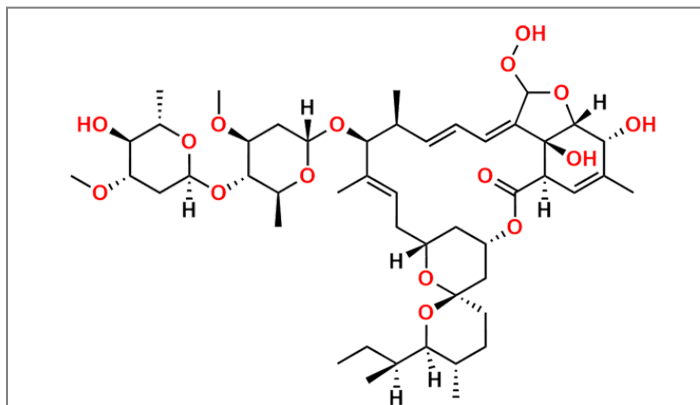
Re-test Date:

**Product Name: 8a-Hydroperoxide Ivermectin**

### Identification:

Chemical Name: (2R,2a'Z,2a1'S,4'E,5S,6R,6'S,7'S,8'E,11'R,15'S,17a'R,20'R,20a'R)-6-((S)-sec-butyl)-2'-hydroperoxy-2a1',20'-dihydroxy-7'-(((2R,4S,5S,6S)-5-(((2S,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',3,4,5,6,6',7',10',11',14',15',17a',20',20a'-tetradecahydro-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-I18014  
Molecular Formula : C<sub>48</sub>H<sub>74</sub>O<sub>16</sub>  
Molecular Weight : 907.10



### 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.