



Certificate of analysis

Product name:selamectin

Cas number:165108-07-6

Molecular Formula: C₄₃H₆₃NO₁₁

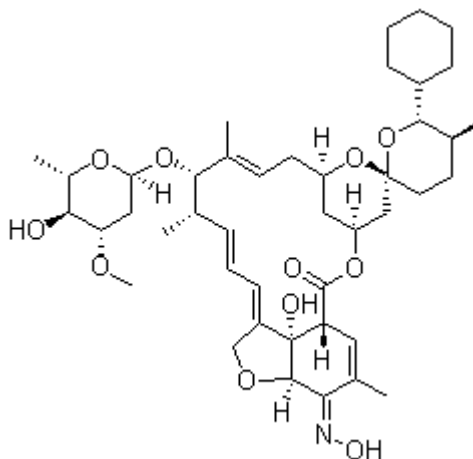
Molecular Weight: 769.96

Date of production:Aug. 08, 2019

Batch No:20190808

Exp Date: Aug. 07, 2021

Chemical structure:



Items	Specifications	Results
Appearance	White or almost white, hygroscopic powder.	Conform
Identification	IR HPLC	Conform
Heavy metals	≤ 20ppm	Conform
Water	≤ 4.0 %	0.6%
Sulphated Ash	≤ 0.1%	0.08%
Related substances	Impurity A ≤ 2.0 %	ND
	Impurity B ≤ 2.0 %	ND
	Impurity C ≤ 1.5 %	ND
	Impurity D ≤ 1.5 %	ND
	Any impurity ≤ 1.0%	0.29%
	Total impurities ≤ 2.0 %	0.93%
Residual solvents	Methano ≤ 3000ppm	84 PPM
	Dichlormethane ≤ 600ppm	162 PPM
	Ethano ≤ 5000ppm	1214 PPM
	Toluene ≤ 890ppm	ND
	Ethyl Acetate ≤ 5000ppm	ND
	1, 4-Dioxane ≤ 380ppm	ND
Assay(anhydrous substance)	96.0~102.0 %	99.0%

Conclusion: It complies with the Enterprise Standard.

Analyst:Zhao

Checker:Liu

Q.C Director: Fang F

