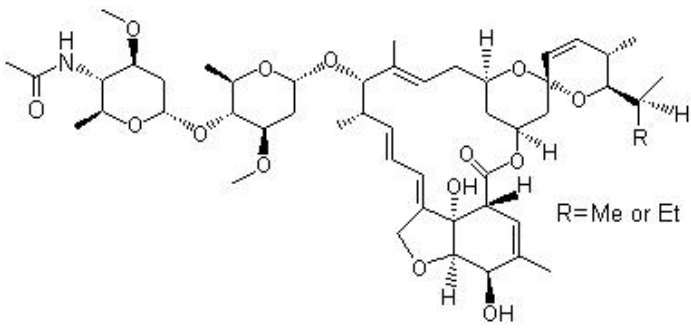


**HANGZHOU DINGYAN CHEM CO.,LTD**

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**CERTIFICATE OF ANALYSIS****NO: DYC1619072401**

<b>Product name</b>	<b>Eprinomectin</b>
<b>CAS Number</b>	<b>123997-26-2</b>
<b>Molecule Structure</b>	 R=Me or Et
<b>Batch number</b>	<b>20190605</b>
<b>Manuf&amp;Exp. Date</b>	<b>2019-06-05, 2021-06-04</b>
<b>Testing date</b>	<b>2019-06-07</b>

<b>Items</b>	<b>Standard</b>	<b>Result</b>	
<b>Appearance</b>	<b>White to yellowish crystalline powder</b>	<b>Complies</b>	
<b>Identification</b>	<b>Infrared Absorption</b>	<b>Conforms</b>	
	<b>The retention time of the Component B1a peak and the Component B1b peak in the chromatogram of the Assay preparation correspond to those in the chromatogram of the standard preparation</b>	<b>Conforms</b>	
<b>Specific rotation</b>	<b>+132°~ +140°</b>	<b>+137°</b>	
<b>Related compounds</b>	<b>Related compounds with relative retentions of 0.23,0.93, and 1.16 correspond to B1a peak</b>	<b>≤1.0%</b>	
	<b>Impurity A</b>	<b>≤1.0%</b>	<b>0.2%</b>
	<b>Impurity E</b>	<b>≤1.0%</b>	<b>0.1%</b>
	<b>All other known impurities</b>	<b>≤0.5%</b>	<b>0.2%</b>
	<b>Total unknown impurities</b>	<b>≤1.0%</b>	<b>0.3%</b>
	<b>Total impurities</b>	<b>≤5.0%</b>	<b>1.3%</b>
<b>Water</b>	<b>2.0% max</b>	<b>0.3%</b>	
<b>Residue on ignition</b>	<b>≤0.1%</b>	<b>&lt;0.1%</b>	
<b>Heavy metals</b>	<b>≤10ppm</b>	<b>&lt;10ppm</b>	
<b>Residual solvents</b>	<b>Acetonitrile</b>	<b>≤0.005%</b>	<b>0.003%</b>
	<b>Sum of all solvent</b>	<b>≤0.5%</b>	<b>0.2%</b>
<b>8a-oxo-B1a</b>	<b>≤0.5%</b>	<b>0.1%</b>	

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<b>Assay</b>	<b>Component B1a <math>\geq</math>90.0%</b>	<b>91.1%</b>
	<b>Component B1a and Component B1b <math>\geq</math>95.0%</b>	<b>95.7%</b>
<b>Conclusion</b>	<b>The results conform with USP36</b>	

**QUALITY CONTROL:**

**CHECK:**姚仙娟

**INSPECTOR:** 刘清风

Hangzhou Dingyan Chem Co.,Ltd.

Quality Control ..... Kevin .....

*Signature(s)*