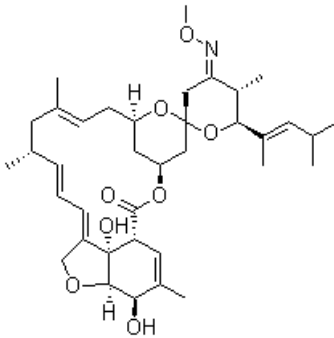


**HANGZHOU DINGYAN CHEM CO.,LTD**

TEL: 86-571-87157530,86465881,88025800, FAX:86-571-87156470

E-Mail:sales@dingyanchem.com,Web: www.dingyanchem.com

CERTIFICATE OF ANALYSIS**NO: DYC091509092**

| | |
|----------------------------|---|
| Product name | Moxidectin |
| CAS Number | 113507-06-5 |
| Molecule Structure |  |
| Molecule Formula | C₃₇H₅₃NO₈ |
| Batch number | 201500524 |
| Manuf&Exp. Date | 2015-05-24,2017-05-23 |
| Testing date | 20150524 |

| Items | Standard | Result |
|---------------------------|--|--|
| Appearance | White or pale yellow ,amorphous powder.No visible evidence of contamination by foreign material. | Complies |
| Identification | IR spectrum of the sample corresponds to that of the reference standard | Complies |
| Solution | The solution is clear and more intensely colored than reference solution GY5 | Complies |
| Related substances | Impurity A ≤1.5% Impurity B ≤0.5% Impurity C ≤1.5% Impurity D ≤2.5% Impurity E+F ≤1.7% Impurity G ≤1.5% Any other Impurity ≤0.5% Impurity H+I ≤1.0% Impurity J ≤0.5% Impurity K ≤0.5% Any other Impurity ≤0.5% Total Impurities ≤7.0% | 0.4% 0.1% 0.8% <0.05% 0.5% <0.05% 0.3% <0.05% 0.1% <0.05% 0.1% 3.1% |
| Heavy Metals | ≤ 20ppm | <20ppm |
| Water Content | ≤ 1.3% | 0.8% |
| Sulphated Ash | ≤ 0.2% | 0.0% |

Add: Xiasha 571,19TH Street E-COMMERCE 4A601-602,Jiangan Area, Hangzhou,China

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| | | |
|-------------------------|---|---|
| Assay | 92.0%-102.0% | 97% |
| Related Solvents | Acetone ≤5000ppm Ethanol ≤5000ppm Heptane ≤5000ppm | < 25 ppm 131 ppm < 1 ppm |
| BHT | ≤ 0.6% | 0.35% |
| Conclusion | The results conform to Enterprise standard | |

QUALITY CONTROL:
Hangzhou Dingyan Chem Co., Ltd.
Quality Control
Signature(s)

CHECK:姚仙娟

INSPECTOR: 刘清风