



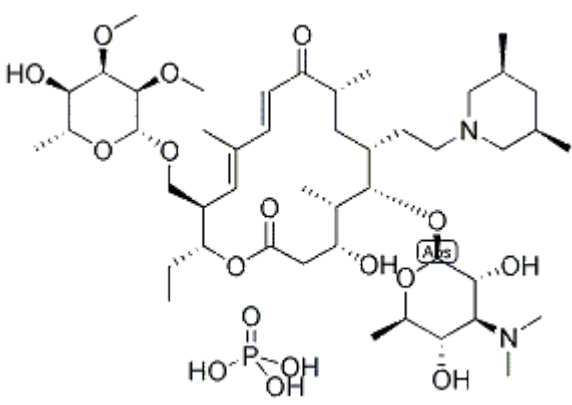
HANGZHOU DINGYAN CHEM CO.,LTD

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

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

CERTIFICATE OF ANALYSIS

NO: **DYC061511233**

Product name	Tilmicosin phosphate
CAS Number	137330-13-3
Molecule Structure	
Molecule Formula	$C_{20}H_{22}N_2O_4$
Batch number	20150811
Manuf. &Exp. Date	2015-08-11, 2017-08-10
Testing date	2015-08-11

Item	Specific	Result
Appearance	Type white to yellow powder	Pale yellow powder
Solubility	Soluble in water,no visible evidence of contamination of foreign matter	Conform
Identification	IR,HPLC	Conform
PH	5.0-8.0	6.4
Water	5.0% max	3.1%
Cis-isomer	82-88%	86.9%
Trans-isomer	12-18%	13.1%
Heavy metal	30ppm max	Conform
Assay	75% min	76.1%
Conclusion	Conform to In-house standard	

QUALITY CONTROL:

Hangzhou Dingyan Chem Co.,Ltd.

Quality Control ... Buddy Chan

Signature(s)

CHECK: 姚仙娟

INSPECTOR: 刘清风