



CHANGZHOU PHARMACEUTICAL FACTORY

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CERTIFICATE OF ANALYSIS

We hereby certify that the following product has been manufactured by our factory and that the relative statements below are true and correct.

Product : DOXYCYCLINE

Manufacturing Date : May.30,2018

Quantity : 101.5 KG

Retest Date : May.30,2020

Batch NO. : EE180506

Tests	Specifications	Results
Description	Yellowish crystalline powder	Complies
Identification	Meets the requirement	Complies
Crystallinity	Meets the requirement	Complies
pH	Between 5.0 and 6.5	5.1
Water	Between 3.6% and 4.6%	4.2%
Heavy Metals	Not more than 0.001%	Complies
Related Compounds	4-epidoxycycline(impurity eluting before methacycline) Not more than0.3%	0.10%
	Methacycline Not more than 2%	0.12%
	6-epidoxycycline Not more than 2%	0.45%
	2-acetyl-2-decarbamoylepidoxycycline (impurity eluting after the main peak) Not more than 0.5%	0.43%
	Any other unknown impurity Not more than 0.10%	Not detected
Assay	Between 880 and 980 µg/mg	980µg/mg
Residual Solvents	Methanol Not more than 200ppm	Not detected
	Ethanol Not more than 2500ppm	1073ppm
Particle size	NLT 35% below 151 Microns	100%

The results above meet all requirements under DOXYCYCLINE in USP.

Analysis No. E-180006

Date: Jun. 08, 2018

Signature:

Quality Control Department

