

YANGZHOU LIBERTY PHARMACEUT

SITE ADD:22, YANGLI ROAD, YANGZHOU Tel: +86-514-87770176 Fax: +86-514

CERTIFICATE OF ANALYS

WE . YANGZHOU LIBERTY PHARMACEUTICAL CO., LTD., AS SE HYCLATE HEREBY CERTIFY THAT THIS BATCH HAS BEEN MANUFACE RED BY USEN FOLL COMPLIANCE WITH EU-GMP REQUIREMENTS AND GMP REQUIREMENTS OF THE LO

DOXYCYCLINE

REPORT NO.:50012012069

SOPQC-FP001-14

SAMPLE NAME	DOXYCYCLINE HYCLATE	T. T	
BATCH NO.	YD201201069	TEST REQUEST UNIT	DOXYCYCLINE WORKSHOP
SPECIFICATION	PHARMACEUTICAL	MANUFACTURING DATE	
BATCH SIZE	1231.7kg	REPORT DATE	2020.12.18
COS NO.	R1-CEP 2000-165-Rev 06	RETEST DATE	2024.12.15
I. ANALYTICAL METHOD: II. RESULTS OF ANALYTICAL ITEM:		EP10.0	2024.12.13

ITEM	SPECIFICATIONS	RESULT
APPEARANCE:	YELLOW, CRYSTALLINE POWDER HYGROSCOPIC.	COMPLIES
IDENTIFICATION:	A: EXAMINE THE CHROMATOGRAMS OBTAINED IN THE ASSAY	COMPLIES
PH: ABSORBANCE (490nm):	B: REACTION WITH SULPHURIC ACID C: REACTION OF CHLORIDES 2.0 TO 3.0	COMPLIES COMPLIES 2.4
RELATED SUBSTANCES:	NOT MORE THAN 0.07	0.02
Impurity A (6-epidoxycycline): Impurity B (metacycline): Impurity C (4-epidoxycycline): Impurity F (2-acetyl-2-decarbamoyldoxycycline): Unspecified impurities: Total impurities: ETHANOL: WATER: SULFATED ASH: RELATED SUBSTANCES BY GC:	NOT MORE THAN 2.0% NOT MORE THAN 0.5% NOT MORE THAN 0.2% NOT MORE THAN 1.2% NOT MORE THAN 0.10% NOT MORE THAN 3.0% 4.3% TO 6.0% 1.4% TO 2.8% NOT MORE THAN 0.4%	1.27% NOT DETECTED 0.06% 0.88% <0.05% 2.21% 4.7% 1.8% 0.1%
Chloromethane; Chloroethane: ASSAY: CONTENT OF C ₂₂ H ₂₅ ClN ₂ O ₈ (ANHYDROUS AND ETHANOL-FREE SUBSTANCE)	NOT MORE THAN 300 ppm NOT MORE THAN 600 ppm 95.0% TO 102.0%	68ppm 116ppm 97.0%

III: RESULT AND CONCLUSION:

PASS

APPROVED BY: 2	DRAFTED BY: 13€	CHECKED BY:	
>0>0.12.10	220.12.18	1.11.020	8