



XI'AN HARMONIOUS NATURAL BIO-TECH CO.,LTD

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Certificate of Analysis

Product Name:	Doxycycline		
Batch No.:	HNB20220109	Manufacture Date:	Jan-09-2022
Batch Size:	25kg/drum	Analysis Date:	Jan-10-2022
CAS number:	564-25-0	Expiry Date:	Jan-08-2024
Storage:	Store in cool & dry place, in well-closed containers.		
Shelf life:	24 Months when properly stored.		

items	specifications	results
appearance	yellow crystalline powder	complies
ph value	2.0 ~ 3.0	2.4
specific optical rotation	-105°~-120°	-110°
specific absorbance	at 349nm: 300 ~ 335	317
light absorbing impurities	at 490nm ≤ 0.07	0.03
related substances	6 – epidoxycycline $\leq 2.0\%$	complies
	methacycline $\leq 2.0\%$	complies
	disregard limit $\leq 0.1\%$	complies
Conclusion: Complies with the standard		