



HANGZHOU DINGYAN CHEM CO.,LTD

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CERTIFICATE OF ANALYSIS

NO: DYC191907293

Product name	Minocycline hydrochloride
CAS Number	13614-98-7
Molecule Formula	C23H27N3O7.HCl
Batch number	20181215
Manuf. &Exp. Date	2018.12.15 ;2021.12.14
Testing date	2018.12.15

Items	Standard	Result
Appearance	Yellow crystalline powder	Conforms
Crystallinity	Conforms	Conforms
Identification	Conforms	Conforms
Water	4.3~8.0%	6.7%
PH	3.4-4.5	3.9
Related substances	Epiminocycline $\leq 1.2\%$	0.47%
	Any other impurity $\leq 1.2\%$	0.47%
	Total impurities other than epiminocycline $\leq 2.0\%$	1.5%
Residue on ignition	$\leq 0.15\%$	0.09%
Heavy metals	$\leq 50\text{ppm}$	$< 50\text{ppm}$
Residual solvent	Methanol $\leq 0.3\%$	$< 0.08\%$
Assay	890ug/mg~950ug/mg	900ug/mg
Assay	96.0~102.0% (Drying basis)	98.4%
Conclusion	Complies with USP38 standard.	

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

CHECK: 姚仙娟

INSPECTOR: 刘清风