



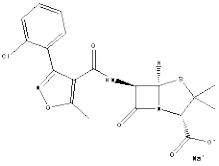
HANGZHOU DINGYAN CHEM CO.,LTD

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## CERTIFICATE OF ANALYSIS

NO: **DYC071712281**

Product name	cloxacillin sodium salt
CAS Number	642-78-4
Molecule Structure	
Molecule Formula	C <sub>19</sub> H <sub>18</sub> Cl <sub>2</sub> N <sub>3</sub> NaO <sub>6</sub> S
Batch number	20170505
Manufacture date	2017-05-05
Testing date	2017-05-05
Expiry date	2019-05-04

Items	Standard	Test Result
Appearance	White powder or crystalline powder	White powder
Specific rotation	+163° ~+172°	+169°
Identification	1) High performance liquid chromatography 2) Infrared spectrum 3) Flame reaction of sodium salt	Consistent with the control, positive reaction
Acid	5.0~7.0	6.0
Clarification and color of solution	≤1#, ≤Y4 or YG4	-0.5#, <1#
Visible particle	<5pc	5pc
Insoluble particles	>10Hm<6000grain	0grain
Single impurity	≤1.0%	0.2%
Total impurities	≤5.0%	0.8%
Water	≤4.5%	4.0%
Heat source	Should confirm the standard	Confirm
Sterile	Should confirm the standard	Confirm
Specific volume		1.6ml/G
Assay (dry basis)	≥90.0%	90.1%
Conclusion	Qualified	

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