

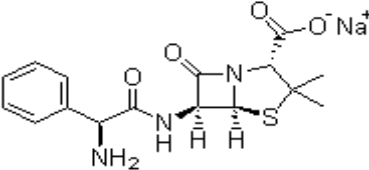


# HAIQIANG CHEMICALS CO., LTD

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## CERTIFICATE OF ANALYSIS

NO: HQC081309292

Product name	Ampicillin sodium sterile, CP2010
CAS Number	69-52-3
Molecule Structure	
Molecule Formula	C <sub>16</sub> H <sub>19</sub> N <sub>3</sub> NaO <sub>4</sub> S
Batch number	201304112
Manuf.&Exp. Date	2013-04-10, 2015-04-09
Testing date	2013-04-10

Items	Standard	Result
Appearance	White or almost white crystalline powder	Whitepowder
Identification	(1), (2), (3)	Confirm
Appearance of solution	5# max	1# max
Clear	1# max	1# max
PH	8.0-10.0	9.1
Specific optical rotation	+258° ~+287°	+272°
Residual Solvents	Comply with standard	Conform
Related substance	Comply with standard	Conform
2-ethylhexanoate	0.8% max	Conform
Water	2.0% max	1.4%
Bacterial endotoxins	0.1IU/mg max	Confirm
Sterility	Confirm	Confirm
Assay(on dry base)	85% min	87.6%
Conclusion	The above result complies with CP 2010 standard.	

HAIQIANG CHEMICALS CO.LTD  
QUALITY CONTROL:  
QUALITY CONTROL DEP.

CHECK: 姚仙娟

INSPECTOR: 刘清风

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