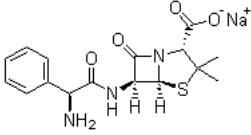


**HANGZHOU DINGYAN CHEM CO.,LTD**

TEL: 86-571-87157530,86465881,88025800, FAX:86-571-87156470

E-Mail:sales@dingyanchem.com,Web: www.dingyanchem.com

**CERTIFICATE OF ANALYSIS****NO: DYC071708151**

Product name	Ampicillin Na
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	20161008
Manufacture date	2016-10-08
Testing date	2016-10-10

Items	Standard	Test Result
Character	White or off-white crystalline powder	White powder
Specific rotation	+258° ~+287°	+274°
Identification	The retention time of main peaks should be the same as Reference substance	Complies
	The infrared absorption spectrum should be in accordance with the contrast map	Complies
	Positive reaction	Positive reaction
PH	8.0~10.0	8.8
Solution clarity	≤1#turbidity standard	<0.5#
Color	≤ Yellowish green5#standard color solution	<YG1#
Related substances	Dimeric polymer≤4.5%	3.0%
	Maximum single impurity≤2.0%	1.1%
	Total impurities≤5.0%	2.2%
Residual solvent	Should meet requirement	Complies
2-Ethylhexanoic acid	≤0.8%	Negative
Moisture	≤2.0%	1.8%
Heavy metals	Should meet requirement	Complies
Visible foreign matter	Should meet requirement	Complies
Insoluble particles	Should meet requirement	Complies
Bacterial endotoxin	Should meet requirement	Complies

Add: Xiasha 571,19TH Street E-COMMERCE 4A601-602,Jiangan Area, Hangzhou, China



**HANGZHOU DINGYAN CHEM CO.,LTD**

TEL: 86-571-87157530,86465881,88025800, FAX:86-571-87156470

E-Mail:sales@dingyanchem.com,Web: www.dingyanchem.com

Sterile	Should meet requirement	Complies
Assay (dry basis)	≥85.0%	89.8%
Conclusion	The results conform with CP 2010.	

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

CHECK: 姚仙娟

INSPECTOR: 刘清风