

杭州东瑞医药科技有限公司  
HANGZHOU DAWN RAY PHARMACEUTICAL CO.,LTD.

CERTIFICATE OF ANALYSIS

Carbenicillin Disodium Salt

<b>Batch No.:</b> DR20130505	<b>Quantity:</b> 148.51kg
<b>Manufacture Date:</b> 2013.05.05	<b>Expiry Date:</b> 2016.05.04

**TESTS:**

Items	Specification	Results
Appearance	White or almost white crystalline powder	Conforms
Identification	Positive	Positive
PH	6.0~7.5	6.2
Clarity	≤ 1#	0.5#
Colour of solution	Clear	Conforms
Insoluble substance	≥ 10μm ≤6000pc ≥ 25μm ≤600pc	260pc 0
Penicillin G	Meets the requirement	Conforms
Absorption of iodine	≤ 8.0%	4.6%
Water	≤ 5.0%	1.9%
Pyrogen	Meets the requirement	Conforms
Sterility	Meets the requirement	Conforms
Specific volume		1.3ml/g
Assay	≥ 92% (on anhydrous basis) C <sub>17</sub> H <sub>16</sub> N <sub>2</sub> Na <sub>2</sub> O <sub>6</sub> S	94.2%

Conclusion: The results conform with WS1-C2-0042-89.

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