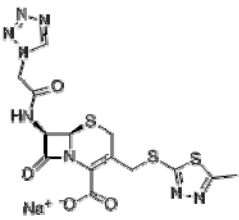


CERTIFICATE OF ANALYSIS

NO: DYC081308251

| | |
|--------------------|---|
| Product name | Cefazolin sodium salt EP7.0 |
| CAS Number | 27164-46-1 |
| Molecule Structure |  |
| Molecule Formula | C ₁₄ H ₁₃ N ₈ NaO ₄ S ₃ |
| Batch number | 20131205 |
| Manufacture Date | 2013-12-05 |
| Testing date | 2013-12-05 |

| Items | Standard | Result |
|---------------------------|--|--------------|
| Character | White or almost white powder, very hygroscopic, freely soluble in water, very slightly soluble in ethanol. It shows polymorphism | Conforms |
| Identification | A. Infrared absorption spectrophotometry B. It gives reaction (a) of sodium | Conforms |
| Appearance of solution | Clear | Conforms |
| pH | 4.0~6.0 | 5.7 |
| Specific optical rotation | -15° ~ -24° | -23° |
| Absorbance | 260~300 | 287 |
| Related substance | ≤1.0% (single) ≤3.5%(total) | 0.1% 0.8% |
| N,N-Dimethylaniline | ≤20ppm | Conforms |
| Water | ≤6.0% | 0.9% |
| Bacterial endotoxins | <0.15 IU/mg | Conforms |
| Sterility | Conforms | Conforms |
| Content | 95.0~102.0% | 97.0% |

Hangzhou Dingyan Chem Co., Ltd.
 QUALITY CONTROL: *Xuefen Chen* CHECK: 姚仙娟 INSPECTOR: 刘清风