



Taizhou Creating Bio-pharm Co., Ltd.

ADD: 715 Room, Unit A, Junyue Building, Taizhou, Zhejiang, China

TEL: 0086-576-88827176

FAX: 0086-576-88822496

## 分析证明书

### CERTIFICATE OF ANALYSIS

Product name: Ceftiofur HCL 盐酸头孢噻吩		
Batch no.批号:20221201	Quantity 数量: 100kgs	
Manuf. date 生产日期: 2022/12/05	Expiry date 有效期: 2022/12/05	
ANALYSIS TEST 检验项目	SPECIFICATIONS 规格	RESULTS 结果
Description	Off-white or white crystalline powder	off-white crystalline powder
Identification	The retention time for the major peak of sample should correspond to that of reference standard Solution should give positive reaction of Chloride The infrared absorption spectrum of sample should correspond to that of reference standard	Conforms
Clarity of Solution	Clear	Conforms
PH	2.0-4.0	2.7
Water(KF)	≤5.0%	1.9%
Residue on Ignition	≤0.5%	0.1%
Heavy Metals	≤20ppm	Conforms
Related substances		
4-keto-ceftiofur	≤0.5%	0.02%
MW=537impurity	≤0.4%	0.02%
δ-3-cis-oxime	≤0.3%	0.01%
δ-3-anti-oxime	≤2.0%	0.12%
Sums of above impurities	≤2.5%	0.17%
Assay	Contain Ceftiofur HCL (C <sub>19</sub> H <sub>17</sub> N <sub>5</sub> O <sub>7</sub> S <sub>3</sub> HCL) should not less than 91.0%, calculated on the anhydrous basis.	94.25%
CONCLUSION: THE PRODUCT CONFORMS TO CORPORATION STANDARD		

复核人 Checker:

化验人 Analyst:

