



### Certificate of Analysis

<b>Product Name</b>	Ceftiofur Free Acid	<b>Manufacture Date</b>	Jun.13.2023
<b>Batch Number</b>	SW230613	<b>Analysis Date</b>	Jun.14.2023
<b>Batch Quantity</b>	500kg	<b>Expiry Date</b>	Jun.13.2025

Test	Specification	Result	
Character	Off-white to yellow powder	Off-white powder	
Identification	1. In the chromatogram of the assay, the retention time of the principal peak in the chromatogram obtained with the test solution corresponds to that of the principal peak in the chromatogram obtained with reference solution 2. It gives flame reaction of sodium salt	Conform	
Water	Not more than 3.0%	0.35%	
Acidity(pH)	5.5~7.5	6.2	
Color of solution	No more intensity colored than reference solution Yedllow 9 or Orange-yellow 9	Conform	
Clarity of solution	No more pronounced than that of reference suspension I	Clear	
Assay (Ceftiofur sodium)	No less than 98.0%(anhydrous and acetoe free)	98.8%	
Related substances	Biggest individual impurity	No more than 0.5%	0.1%
	Total	No more than 3.0%	0.98%
Residual solvents	Acetoe: no more than 2.0%	1.0%	
Particulate matter	≥10μm:no more than 5000 particles/g	597 particles/g	
	≥25μm:no more than 500 particles/g	27 particles/g	
Bacterial endotoxin	No more than 0.2EU/mg (Ceftiofur)	Conform	
Sterility	No growth of micro-organisms should occur after 14 days of incubation	Conform	

<b>Packing description</b>	Sealed export grade drum & double of sealed plastic bag
<b>Storage</b>	Store in a cool and dry place, stay away from strong light and heat
<b>Shelf life</b>	2 years when properly stored

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