

# Specification

## Technical Data Sheet

<b>Product Name</b>	Ceftiofur hydrochloride
<b>Product No</b>	90027221
<b>CAS Number</b>	103980-44-5
<b>Storage Temperature</b>	-15 to -20 °C
<b>Molecular Weight</b>	560.02
	<b>Specification</b>
<b>Appearance</b>	White to yellow powder
<b>Bacterial endotoxin</b>	≤ 0.2EU/mg
<b>Heavy metals</b>	≤ 20ppm
<b>pH</b>	2.0 - 4.0
<b>Assay</b>	≥ 96.0%
<b>Particle Size</b>	90% at ≤10µm
<b>Residue on Ignition</b>	≤ 0.2%

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**Specific optical rotation** -115 to -125°

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**Water Content (KF)** ≤ 4.0%

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**Identification (IR)** Conforms to Reference

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