

# Specification

## Technical Data Sheet

<b>Product Name</b>	Cefotetan disodium salt
<b>Product No</b>	18528286
<b>CAS Number</b>	74356-00-6
<b>Storage Temperature</b>	2 to 8 °C
<b>Molecular Weight</b>	619.59
	<b>Specification</b>
<b>Appearance</b>	Light yellow powder
<b>Molecular Weight</b>	619.56774
<b>Storage Temperature</b>	+20 °C
<b>Bacterial endotoxin</b>	≤0.15 EU/mg
<b>Heavy metals</b>	NMT 20ppm
<b>Identification</b>	HPLC, Sodium
<b>pH</b>	4.0 - 6.5

## Specification

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**Single Impurity**

≤3.5%

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**Assay**

83.0% - 97.0%

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**Clarity in Solution**

Conforms to USP requirements

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**Isomers**

Isomers: L-Cefotetan 35.0%-45.0%

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**Optical Rotation**

+112° - +124°

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**Other Impurity**

Polymer: ≤2.0%

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**Residual Solvents**

Conforms to USP requirements

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**Solubility**

Conforms to USP requirements

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**Total Impurities**

≤6.0%

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**Water Content**

≤2.5%

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