

Specification

Technical Data Sheet

Product Name	Cefoxitin sodium salt
Product No	40351828
CAS Number	33564-30-6
Storage Temperature	2 to 8 °C
Molecular Weight	449.44
	Specification
Appearance	White to off-white, granules or powder
Bacterial endotoxin	≤ 0.2EU/mg
Conclusion	This product complies with USP Standard
Heavy metals	≤ 0.002%
pH	4.2~7.0
Specific rotation	+206 to +214°
Water	≤ 1.0%

Specification

Crystallinity	Meets the requirement
Limit of Methanol	≤ 0.1%
Retest Date	2 years from previous retest
Solubility	Very soluble in water. Soluble in methanol. Sparingly soluble in DMF and acetone. Insoluble in ether and chloroform
Sterility	Meets the requirement
Assay (Anhydrous)	92.7~97.0% (as C ₁₆ H ₁₆ N ₃ O ₇ S ₂); 97.5~102.0% (as C ₁₆ H ₁₆ N ₃ NaO ₇ S ₂)
Identification	A: The chromatogram of the assay preparation obtained as directed in the assay exhibits a major peak for cefoxitin, the retention time of which corresponds to that exhibited in the chromatogram of the standard preparation obtained as directed in the Assay. B: UV. C: It responds to tests for sodium. C: IR
Limit of Acetone	≤ 0.7%
