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Product Specifications

Catalogue Number	22108
Product	Ceftriaxone disodium salt hemi(heptahydrate)
CAS Number	104376-79-6
Molecular Formula	C ₁₈ H ₁₆ N ₈ Na ₂ O ₇ S ₃ •3.5H ₂ O
Molecular Weight	661.58
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Warnings	<i>Light sensitive!</i>
Appearance	White to yellowish orange crystalline powder
Crystallinity	To pass test
Water Content (Karl Fisher)	8 - 11%
pH	6 - 8
Infrared Spectrum	Conforms to structure
Bacterial Endotoxins	≤ 0.2 EU/mg
Related Substances	Deacyl ceftriaxone : ≤ 0.5%, Ceftriaxone 3-ene isomer : ≤ 0.3%, Ceftriaxone E-isomer : ≤ 0.5%, Any individual unspecified impurity : ≤ 0.2%, Total impurities : ≤ 2.5%
Assay (anhydrous basis)	≥ 795 µg/mg
Grade	Meets USP Specification
Storage	Store at RT
Additional Information	Identification : Test for A : Infrared spectroscopy : Conforms to structure Test for B : To pass test Test for C : Sodium : To pass test Impurities : Deacetyl cefotaxime lactone : ≤ 0.5%, 7-Amino cephalosporanic acid : ≤ 0.5% Ceftriaxone triazine : ≤ 1%, Ceftriaxone benzothiazolyloxime : ≤ 0.2% Sterility test : To pass test

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For Laboratory Use Only