

SPECIFICATIONS

PRODUCT NAME	STERILE CEFOTAXIME SODIUM		
Structure			
M. F.	$C_{16}H_{16}N_5NaO_7S_2$	M. W	477.45
No.	ITEMS	SPECIFICATIONS	
1	Description	White or pale yellow crystalline powder	
2	Identification	Positive	
3	Specific optical rotation	+58.0° ~ +64.0°	
4	pH	4.5 ~ 6.5	
5	Clarity and color of solution	NMT 0.1 (Clear solution, Absorbance 430nm)	
6	Sterility	Sterile	
7	Bacterial endotoxins	NMT 0.05 EU/mg	
8	Potency (HPLC)	NLT 914µg/mg	
9	Loss on drying	NMT 3.0%	
10	Related substances		
	1) Individual impurity	NMT 1.0%	
	2) Total impurity	NMT 3.0%	
	3) Dimethylaniline	NMT 20ppm	
<p>♣ Specification : USP, JP, KP, EP, CP</p> <p>♣ CAS NO. : 64485-93-4</p>			