

Cefotaxime sodium salt, For Molecular Biology

MB134


Product Identifier

CAS No.	:	64485-93-4
EC No.	:	264-915-9
Molecular Formula	:	C ₁₆ H ₁₆ N ₅ NaO ₇ S ₂
Molecular Weight	:	477.45
HS Code	:	2941 90 90
Storage	:	2 - 8°C
Shelf life	:	3 years

Technical Specification

Appearance	:	White to yellow hygroscopic crystals or powder
Solubility	:	100 mg soluble in 1 mL of water
pH (10% in water at 25°C)	:	4.50 - 6.50
DNases	:	None detected
RNases	:	None detected
Specific rotation	:	+58.0° to +65.0° (c = 1% in water at 20°C)
Loss on drying (at 105°C, 2 hr)	:	<= 3.00%
Potency	:	916 - 964 µg/mg
Assay (NT/HPLC)	:	98.00 - 102.00%

Safety Information

Hazard Pictogram(s)	:	
Signal Word	:	Danger
Hazard Statement(s)	:	H317- H334
Precautionary Statement(s)	:	P261- P280- P304 + P340- P333 + P313- P342 + P311- P501
UN No.	:	Not dangerous goods
Class	:	-
Packing Group	:	-
RTECS	:	XI0250000
WGK	:	1