

## Cefotaxime sodium salt

**TC352**

### Cell Culture Tested

### Product Identifier

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

### Technical Specification

Appearance	:	White to yellow crystals or powder
Solubility	:	100 mg soluble in 1 mL of water
pH (10% in water at 25°C)	:	4.50 - 6.50
FTIR	:	Matches with the standard pattern
Specific rotation	:	+58.0° to +65.0° (c = 1% in water at 20°C)
Loss on drying (at 105°C, 2 hr)	:	≤ 3.00%
Assay (HPLC/NT, on dry basis)	:	98.00 - 102.00%
Potency	:	916 - 964 µg/mg
Cell Culture Test	:	Passes

### Safety Information

Hazard Pictogram(s)



Signal Word	:	Danger
Hazard Statement(s)	:	H317- H334
Precautionary Statement(s)	:	P261- P280- P342 + P311
UN No.	:	Not dangerous goods
Class	:	-
Packing Group	:	-
RTECS	:	XI0250000
WGK	:	2