

## Technical Information

### Cephotaxime Sodium Salt Plant Culture Tested

**Product Code: PCT2103**

#### Product Information

Product Code	: PCT2103
Product Name	: Cephotaxime Sodium Salt, Plant Culture Tested
Synonym	: Cefotaxim sodium salt
Molecular Formula	: $C_{16}H_{16}N_5NaO_7S_2$
Molecular Weight	: 477.45
CAS No.	: 64485-93-4

#### Technical Specification

Appearance	: White to yellow crystals or powder.
Solubility	: Soluble in water.
pH (10% in water at 25°C)	: 4.50 - 6.50
Cultural response	: Cultures conditions - Incubation period (5wks), Relative humidity (60±2%), Temperature (25±2°C), Photoperiod Day: Night in hours (16:8)
Shoot culture	: No structural deformity observed
Callus culture	: No necrotic tissues, actively growing callus, no toxicity to callus.
Specific rotation	: +58.0° to +65.0° (c = 1% in water at 20°C)
Loss on drying (at 105°C, 2 hr)	: ≤ 6.00%
Potency	: 916 - 964µg/mg
Minimum assay (HPLC)	: 98.00%

#### GHS Safety Information

Hazard Statement(s)	: H317-H334
Precautionary Statement(s)	: P261-P280-P342+P311
Signal Word	: Danger
Hazard Pictogram(s)	



#### Risk And Safety Information

R-Phrase(s)	: 42/43
S-Phrase(s)	: 22-36/37
WGK	: 2
RTECS	: XI0250000
Storage Temperature(°C)	: Store at 2 - 8° C

#### Transport Information

Marine Pollutant	: No
ADR/RID	: Not Dangerous Goods
IMDG	: Not Dangerous Goods
IATA	: Not Dangerous Goods

Plant Culture  
Tested



## Product Specification

[cdhfinechemical.com](http://cdhfinechemical.com)

### Disclaimer :

- User must ensure suitability of the product(s) in their application prior to use.
- The product conforms solely to the technical information provided in this booklet and to the best of knowledge research and development work carried at **CDH** is true and accurate.
- **Central Drug House Pvt. Ltd.** reserves the right to make changes to specifications and information related to the products at any time.
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- Do not use the products if it fails to meet specifications for identity and performance parameters.