



**SISCO
RESEARCH
LABORATORIES
PVT. LTD.**

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Certificate of Analysis

Product

**81642 - Cephotaxime Sodium Salt (CFT) for cell culture,
916-964ug/mg, Endotoxin (BET) 0.20EU/mg -
[64485-93-4]**

Batch No

5682777

Analysis Date

04-Apr-2024

Date of Manufacture

April 2024

Expiry Date/Re-Test Date

April 2029

Molecular Formula

C₁₆H₁₆N₅NaO₇S₂

Molecular Weight

477.45

Test Parameters

Standards

Actual Results

Appearance (Colour)

Off-white to pale yellow

Off-white

Appearance (Form)

Crystalline powder

Crystalline powder

Solubility (Turbidity) 10% aq.
solution

Clear

Clear

Assay (On dry basis)

91.6 to 96.4%

96.2%

Assay (HPLC) (on dried basis)

916 - 964 µg/mg

962g/mg

pH (10% aq. solution)

4.5 - 6.5

6.2

Specific rotation [α]

+58° to +64° (C=1,water)

+58.948°

Water (KF)

max. 3%

3.0%

Suitability for Cell Culture

Passes

Passes

Bacterial Endotoxin Test (BET)
(EU/mg = IU/mg)

< 0.20EU/mg

Passes

FRM/82/11/4/81642 Rev No. 1 Date 30/03/2024

Prepared by Komal

In compliance with the standard specifications of SRL

Plant Site 2 : H-4, MIDC, Talaja – 410 208, Maharashtra, India

608-B, Satellite Gazebo, Andheri Ghatkopar Link Road,
Chakala, Andheri (E), Mumbai - 400 099. India. ☎ +91-22-4268 5800

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