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# **CERTIFICATE OF ANALYSIS**

Analysis Date:

Re-test Date:

### Product Name: Cefoperazone Impurity 13

#### Identification:

Chemical Name: (R)-2-((S)-Carboxy((R)-2-(4-ethyl-2,3-dioxopiperazine-1-carboxamido)-2-(4-hydroxyphenyl)acetamido)methyl)-5-(((1-methyl-1H-tetrazol-5-yl)thio)methyl)-3,6-dihydro-2H-1,3-thiazine-4-carboxylic acid

Synonyms	: NA
CAS Number	: NA
CAT Number	: CP-C154020
Molecular Formula	: C25H29N9O9S2
Molecular Weight	: 663.7

## **Analytical Information:**

Sr. No.	Test	Result
1)	Description	Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	>95%
5)	1HNMR	Confirm to structure



Ms Priyanka Salunkhe (Quality Control)

**Prepared and Reviewed By** 

Approved By

Ms Rohini Gagare (Quality Assurance)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.

