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## CERTIFICATE OF ANALYSIS

Analysis Date:

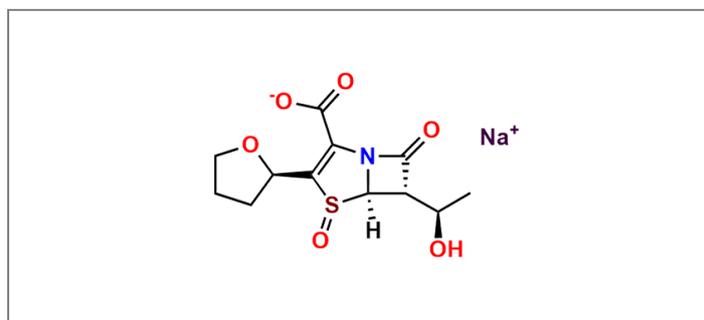
Re-test Date:

**Product Name: Faropenem Impurity 4**

### Identification:

Chemical Name: (5R,6S)-6-((R)-1-hydroxyethyl)-7-oxo-3-((R)-tetrahydrofuran-2-yl)-4-thia-1-azabicyclo[3.2.0]hept-2-ene-2-carboxylic acid 4-oxide, sodium salt (1:1)

Synonyms : NA  
CAS Number : NA  
CAT Number : CP-F70013  
Molecular Formula : C<sub>12</sub>H<sub>14</sub>NO<sub>6</sub>S : Na  
Molecular Weight : 300.31 : 23.0



### 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)	H1NMR	Confirm to structure



**Prepared and Reviewed By**

Ms Priyanka Salunkhe  
(Manager QC Analytical)

**Approved By**

Ms Rohini Gagare  
(QA Head)

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