

Registered Address: Chemicea Pharmaceuticals Pvt Ltd, Platinum Springs,  
Unit No- A- 205&206 Second floor, Plot No: G-6, G-20 to G 24, Taloja- MIDC, Opp. Dena Bank  
Navi Mumbai 410208, MH, INDIA. Email- [info@chemicea.com](mailto:info@chemicea.com) Mob- +91 9284897978

## CERTIFICATE OF ANALYSIS

Analysis Date:

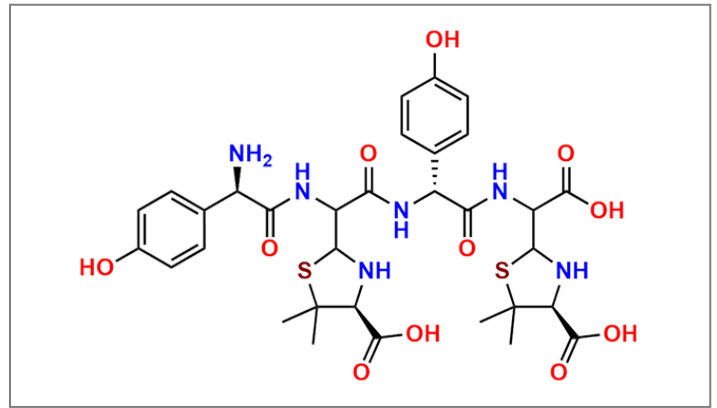
Re-test Date:

**Product Name: Amoxicillin EP Impurity K**

**Identification:**

Chemical Name: (4S)-2-(1-((R)-2-amino-2-(4-hydroxyphenyl)acetamido)-2-(((1R)-2-((carboxy((4S)-4-carboxy-5,5-dimethylthiazolidin-2-yl)methyl)amino)-1-(4-hydroxyphenyl)-2-oxoethyl)amino)-2-oxoethyl)-5,5-dimethylthiazolidine-4-carboxylate

Synonyms : Amoxicillin Open Ring Dimer  
CAS Number : 2088961-38-8  
CAT Number : CP-A20051  
Molecular Formula : C<sub>32</sub>H<sub>40</sub>N<sub>6</sub>O<sub>11</sub>S<sub>2</sub>  
Molecular Weight : 748.80



**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**

**Approved By**



Ms Priyanka Salunkhe  
(Manager QC Analytical)

Ms Rohini Gagare  
(QA Head)

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