

Registered Office:

**Anjaneey Enterprise**

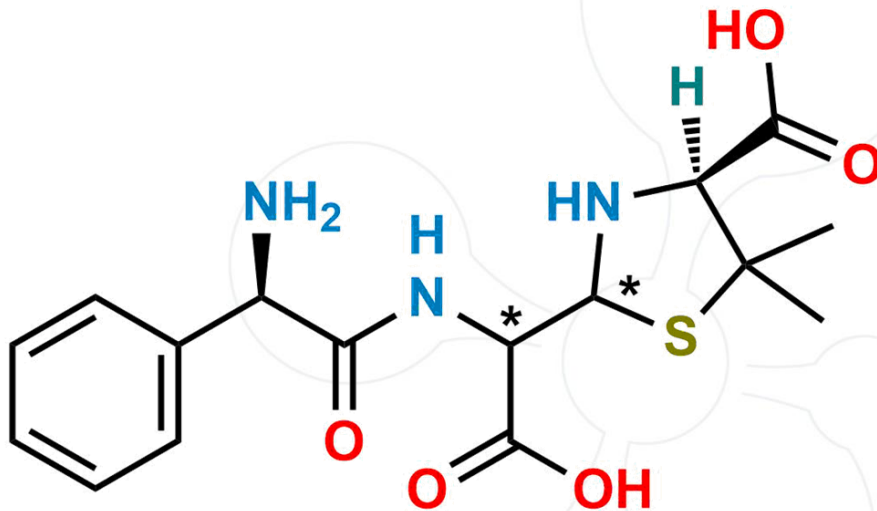
GF-03, Akshay Appartment, Vishvakunj Cross Road, Paldi,  
Ahmedabad - 380007, Gujarat, India

## CERTIFICATE OF ANALYSIS

### Ampicillin EP Impurity D

#### Identification

Product Name	: Ampicillin EP Impurity D
Chemical Name	: (4S)-2-[[[(2R)-2-Amino-2-phenylacetyl]amino] carboxymethyl]-5,5-dimethylthiazolidine-4-carboxylic acid
CAS No.	: 32746-94-4
Molecular Formula	: C <sub>16</sub> H <sub>21</sub> N <sub>3</sub> O <sub>5</sub> S
Molecular Weight	: 367.4
Structure	:



#### Analytical Information

Appearance of Product	: Off White Solid
Solubility	: Buffer:ACN (98:02)
Long Term Storage	: 2° 8° C for long term storage
HPLC Purity	: 95.51 %
Weight Loss by TGA	: 9.95 %