

Registered Office:

## Anjaneey Enterprise

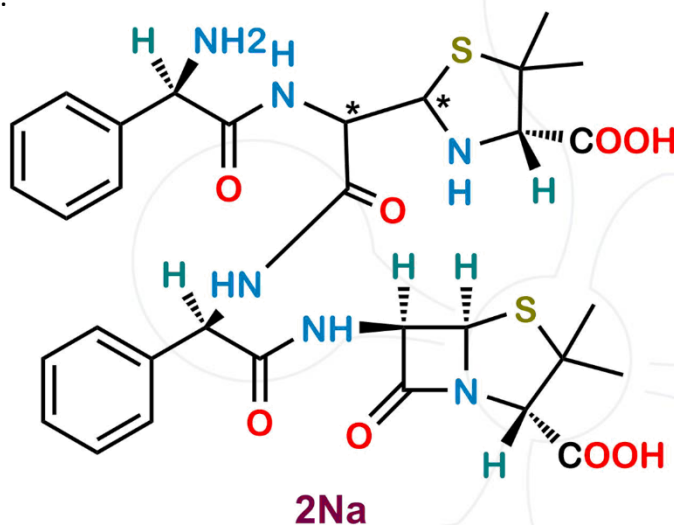
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Ahmedabad - 380007, Gujarat, India

# CERTIFICATE OF ANALYSIS

## Ampicillin EP Impurity M Disodium Salt

### Identification

|                   |  |
|-------------------|--|
| Product Name      | : Ampicillin EP Impurity M Disodium Salt   |
| Chemical Name     | : (2S,5R,6R)-6-((R)-2-((R)-2-((R)-2-Amino-2-phenylacetamido)-2-((2R,4S)-4-carboxy-5,5-dimethylthiazolidin-2-yl)acetamido)-2-phenylacetamido)-3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid, disodium salt |
| CAS No.           | : 94730-51-5   |
| Molecular Formula | : C <sub>32</sub> H <sub>38</sub> N <sub>6</sub> O <sub>8</sub> S <sub>2</sub> : 2(Na)   |
| Molecular Weight  | : 698.8 : 2(23.0)  |
| Structure         | :  |



### Analytical Information

|                       |                                 |
|-----------------------|---------------------------------|
| Appearance of Product | : White Solid                   |
| Solubility            | : ACN:Water (1:1)               |
| Long Term Storage     | : 2° 8° C for long term storage |
| HPLC Purity           | : 84.12 %                       |
| Weight Loss by TGA    | : 8.33 %                        |