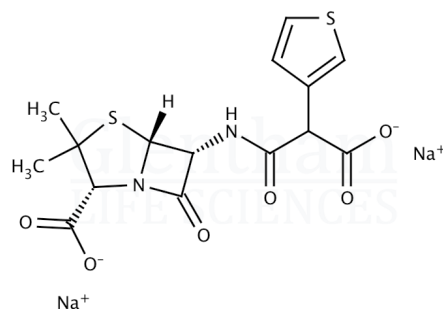


## Product Specification

|                   |                             |
|-------------------|-----------------------------|
| Product Name      | Ticarcillin disodium salt   |
| Glentham Code     | GA1874                      |
| CAS Number        | 4697-14-7                   |
| MDL-Nummer        | MFCD07787410                |
| PubChem SID       | 310280993                   |
| Zusätzliche CAS   | 29457-07-6                  |
| Zusätzliche CAS   | 34787-01-4                  |
| Molecular Weight  | 428.39                      |
| Molecular Formula | $C_{15}H_{14}N_2Na_2O_6S_2$ |
| Storage Temp.     | +4°C                        |



| Property                                        | Specification                               |
|-------------------------------------------------|---------------------------------------------|
| Physical Description                            | White to pale yellow powder                 |
| Identification (IR)                             | To conform to standard                      |
| Solubility (5% in water)                        | Clear, colourless to pale yellow solution   |
| pH                                              | 6.0 - 8.0 (10mg/ml of ticarcillin in water) |
| Specific Optical Rotation ( $[\alpha]_{20/D}$ ) | +172.0 - +187.0 ° (c=1, water)              |
| Water                                           | ≤ 6.0%                                      |
| Potency (anhydrous basis)                       | ≥ 800µg/mg ( $C_{15}H_{16}N_2O_6S_2$ )      |
| Assay (anhydrous basis)                         | ≥ 95.0%                                     |

|                       |   |            |
|-----------------------|---|------------|
| Specification Version | - | v1.1       |
| Date Created          | - | 2022-03-15 |

Glentham Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check [www.glentham.com](http://www.glentham.com) or contact us using the details above for the current version of this document.

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