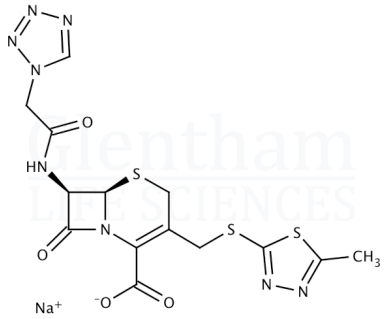
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# Product Specification

| | |
|---|---|
| Product Name | Cefazolin sodium salt, Ph. Eur. grade |
| Glentham Code | GA2311 |
| CAS Number | 27164-46-1 |
| EINECS | 248-278-4 |
| MDL Number | MFCD00056883 |
| Additional CAS | 25953-19-9 (acid) |
| Molecular Weight | 476.49 |
| Molecular Formula | $C_{14}H_{13}N_8NaO_4S_3$ |
| Storage Temp. | +4°C |



| Property | Specification |
|---|---|
| Physical Description | White or almost white powder |
| Identification | A, B according to Ph. Eur. |
| Solubility (10% in water) | Clear, colourless solution |
| Absorbance | ≤ 0.15 (at 430nm, 10% in water) |
| pH (10% in water) | 4.0 - 6.0 |
| Specific Optical Rotation | -24 - -15 ° (5% in water, anhydrous) |
| Wavelength of Maximum Absorption (λmax) | 272nm |
| Specific Absorbance | 260 - 300 (at λmax) |
| Any Individual Impurity | ≤ 1.0% |
| Total Impurities | ≤ 3.5% |
| N,N-Dimethylaniline | ≤ 20ppm |
| Water | ≤ 6.0% |
| Assay (HPLC) | 95.0 - 102.0 % (anhydrous substance) |
| Pharmacopoeia Specification(s) | Ph. Eur. |

| | | |
|---|---|---|
| Specification Version | - | v1.0 |
| Date Created | - | 2017-01-23 |

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 or contact us using the details above for the current version of this document.

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