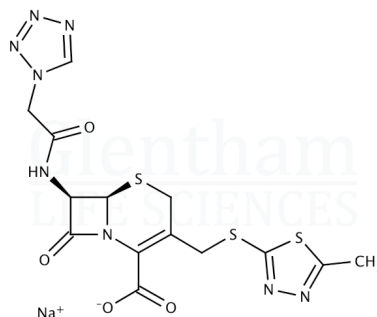


## Certificate of Analysis

Product Name Cefazolin sodium salt  
Glenthams Code GA4751  
CAS Number 27164-46-1  
EINECS 248-278-4  
MDL-Nummer MFCD00056883  
PubChem SID 310269464  
Zusätzliche CAS 25953-19-9 (acid)  
Batch Number 975VTU

Molecular Weight 476.49  
Molecular Formula  $C_{14}H_{13}N_8NaO_4S_3$   
Storage Temp. +4°C



| Property                                         | Specification                         | Batch 975VTU                 |
|--------------------------------------------------|---------------------------------------|------------------------------|
| Physical Description                             | White to off-white crystalline powder | Off-white crystalline powder |
| Identification (IR)                              | To conform to standard                | Entspricht                   |
| Melting Point                                    | 170.0 - 177.0 °C                      | Entspricht                   |
| Specific Optical Rotation ([α] <sub>20/D</sub> ) | -10.0 - -24.0 ° (c=1, water)          | -20.0°                       |
| Water (KF)                                       | ≤ 6.0%                                | 1.4%                         |
| Assay                                            | ≥ 90.0%                               | 98.5%                        |

Specification Version v1.0  
Manufacture Date 2022-08-08  
Re-Test Date 2029-09-08

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

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