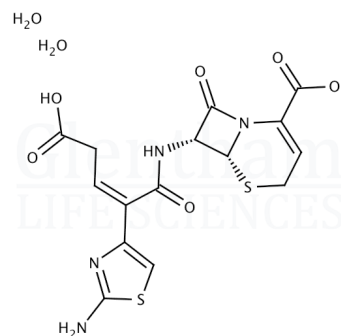


## Certificate of Analysis

Product Name Cefitibuten hydrate  
Glentham Code GA7818  
CAS Number 97519-39-6  
PubChem SID 310269515  
Numéro MDL MFCD00864918  
Numéro MDL MFCD20488049  
CAS supplémentaire 118081-34-8 ( $\cdot 2\text{H}_2\text{O}$ )  
Batch Number 479YLE

Molecular Weight 410.42 (anhydrous)  
Molecular Formula  $\text{C}_{15}\text{H}_{14}\text{N}_4\text{O}_6\text{S}_2 \cdot x\text{H}_2\text{O}$   
Storage Temp. +4°C



| Property                | Specification                                  | Batch 479YLE             |
|-------------------------|------------------------------------------------|--------------------------|
| Physical Description    | White to pale yellow crystalline powder        | White crystalline powder |
| Identification          | To pass test                                   | Conforms                 |
| Solubility (2% in DMSO) | Clear, colourless to very pale yellow solution | Clear, yellow solution   |
| Heavy Metals            | $\leq 10\text{ppm}$                            | 0.02%                    |
| Any Individual Impurity | $\leq 1.0\%$                                   | 0.19%                    |
| Total Impurities        | $\leq 2.0\%$                                   | 0.97%                    |
| Residue on Ignition     | $\leq 0.1\%$                                   | 0.02%                    |
| Water                   | 8.0 - 13.0 %                                   | 11.86%                   |
| Assay                   | 90.0 - 102.0 % (anhydrous substance)           | 98.66%                   |

Specification Version v1.0  
Manufacture Date 2018-08-14  
Re-Test Date 2029-10-16

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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