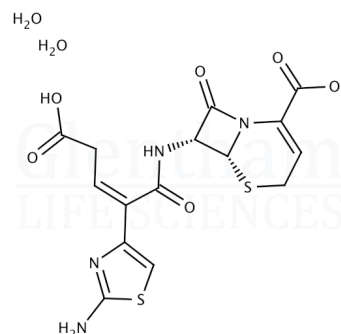


## Certificate of Analysis

Product Name Cefitibuten hydrate  
Glentham Code GA7818  
CAS Number 97519-39-6  
PubChem SID 310269515  
MDL Number MFCD00864918  
MDL Number MFCD20488049  
Additional CAS 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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