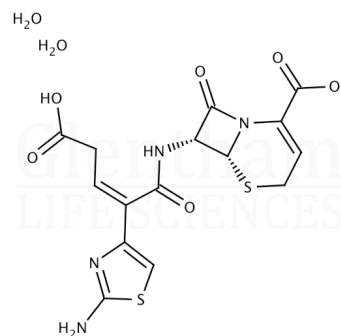


## Certificate of Analysis

Product Name           Ceftibuten hydrate  
Glentham Code         GA7818  
CAS Number            97519-39-6  
PubChem SID           310269515  
MDL Number            MFCD00864918  
MDL Number            MFCD20488049  
Additional CAS         118081-34-8 ( $\cdot 2H_2O$ )  
Batch Number         479YLE

Molecular Weight      410.42 (anhydrous)  
Molecular Formula      $C_{15}H_{14}N_4O_6S_2 \cdot xH_2O$   
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	≤ 10ppm	0.02%
Any Individual Impurity	≤ 1.0%	0.19%
Total Impurities	≤ 2.0%	0.97%
Residue on Ignition	≤ 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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