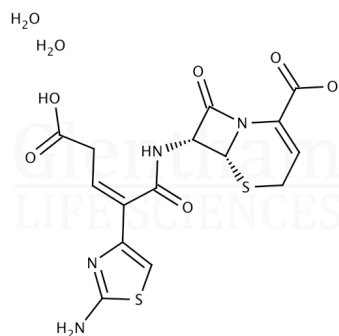


Certificate of Analysis

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

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