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Certificate of Analysis

Product Name Cefprozil monohydrate

 Glentham Code
 GA0910

 CAS Number
 121123-17-9

 MDL Number
 MFCD00911719

 Additional CAS
 92665-29-7

 PubChem SID
 310269505

 Batch Number
 804KEZ

Molecular Weight 407.44

 $\begin{array}{ll} \text{Molecular Formula} & \quad \text{C}_{18}\text{H}_{21}\text{N}_3\text{O}_6\text{S}\cdot\text{H}_2\text{O} \end{array}$

Storage Temp. +20°C

HO O O OH

Property	Specification	Batch 804KEZ
Physical Description	White to off-white or pale yellow powder	Pale yellow powder
Identification (IR)	To conform to standard	Conforms
Solubility (0.5% in methanol)	Clear, colourless to very faint yellow solution	Clear, colourless solution
Specific Optical Rotation ($[\alpha]20/D$)	+54.0 - +60.0 ° (c=0.2, water)	+57.7°
Water	≤ 7.0%	4.42%
Assay	96.0 - 104.0 % (anhydrous basis)	98.0%

Specification Version v1.0

Manufacture Date 2021-06-29

Re-Test Date 2030-12-08

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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