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**Certificate of Analysis**

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Product Name: Cefprozil hydrate  
Cat. No.: GC13258  
Batch No.: 1  
Chemical Name: (6R,7R)-7-[[[(2R)-2-amino-2-(4-hydroxyphenyl)acetyl]amino]-8-oxo-3-  
[(E)-prop-1-enyl]-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic  
acid;hydrate

**PHYSICAL AND CHEMICAL PROPERTIES**

Cas. No.: 121123-17-9  
Molecular Formula:  $C_{18}H_{19}N_3O_5S \cdot H_2O$   
Molecular Weight: 407.44  
Storage: Store at -20°C  
Chemical Structure:

**ANALYTICAL DATA**

Appearance: solid  
HNMR: Consistent with structure  
HPLC: Consistent with structure  
Purity: >98%  
Conclusion: The product has been tested and complies with the given specifications.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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