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**Certificate of Analysis**

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Product Name: Cefsulodin Sodium  
Cat. No.: GC14095  
Batch No.: 1  
Chemical Name: sodium (6R,7R)-3-((4-carbamoylpyridin-1-ium-1-yl)methyl)-8-oxo-7-((R)-2-phenyl-2-sulfonatoacetamido)-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylate

**PHYSICAL AND CHEMICAL PROPERTIES**

Cas. No.: 41444-66-0  
Molecular Formula:  $C_{22}H_{19}N_4NaO_8S_2$   
Molecular Weight: 554.53  
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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