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**Certificate of Analysis**

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Product Name: Cefsulodin (sodium salt)  
Cat. No.: GC11451  
Batch No.: 1  
Chemical Name: 4-(aminocarbonyl)-1-[[[(6R,7R)-2-carboxy-8-oxo-7-[[[(2R)-2-phenyl-2-sulfoacetyl]amino]-5-thia-1-azabicyclo[4.2.0]oct-2-en-3-yl]methyl]-pyridinium inner salt, monosodium salt

**PHYSICAL AND CHEMICAL PROPERTIES**

Cas. No.: 52152-93-9  
Molecular Formula:  $C_{22}H_{19}N_4O_8S_2 \cdot Na$   
Molecular Weight: 554.5  
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.**

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA