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**Certificate of Analysis**

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Product Name: Daunorubicin  
Cat. No.: GC12828  
Batch No.: 1  
Chemical Name: (7S,9S)-9-acetyl-7-[(2R,4S,5S,6S)-4-amino-5-hydroxy-6-methyloxan-2-yl]oxy-6,9,11-trihydroxy-4-methoxy-8,10-dihydro-7H-tetracene-5,12-dione

**PHYSICAL AND CHEMICAL PROPERTIES**

Cas. No.: 20830-81-3  
Molecular Formula:  $C_{27}H_{29}NO_{10}$   
Molecular Weight: 527.52  
Storage: Store at -20°C, protect from light  
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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