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## Certificate of Analysis

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Product Name: Cyanine 7-AA-UTP  
Cat. No.: GB20136  
Batch No.: 1  
Chemical Name:

### PHYSICAL AND CHEMICAL PROPERTIES

Cas. No.:  
Molecular Formula:  $C_{49}H_{61}N_5O_{22}P_3S_2$  (free acid)  
Molecular Weight: 1229.08 (free acid)  
Storage: Store at  $-20^{\circ}C$  or below  
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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