



# CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-301901A  
Lot Number: SAMPLE  
Product Name: Thymidine-13C10,15N2 5'-triphosphate sodium salt solution  
CAS Number:  
Molecular Formula:  $(^{13}\text{C})_{10}\text{H}_{17}({}^{15}\text{N})_2\text{O}_{14}\text{P}_3 \cdot x\text{Na}$   
Molecular Weight: 494.08 (free acid basis)

| Test          | Specification                             | Result                                      |
|---------------|-------------------------------------------|---------------------------------------------|
| Appearance    | Clear colorless liquid solution           | Complies                                    |
| Enrichment    | 13C: $\geq 98\%$<br>15N: $\geq 98\%$      | 98%<br>98%                                  |
| Purity (HPLC) | $\geq 90\%$ (TTP vs sum of TTP, TDP, TMP) | 96%                                         |
| Concentration |                                           | Molar concentration of TTP (UV-VIS): 100 mM |
| pH            |                                           | 8                                           |

Satisfaction Guarantee: We appreciate your business and are committed to providing the highest level of quality and service. Any product that does not meet the performance standards indicated in our product literature will be replaced at no charge. Our policy is valid for one year from the date of your purchase.

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