



# CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-291844  
Lot Number: SAMPLE  
Product Name: Adenosine-13C10,15N5 5'-triphosphate sodium salt solution  
CAS Number: 285978-15-6  
Molecular Formula:  $(^{13}\text{C})_{10}\text{H}_{16} (^{15}\text{N})_5\text{O}_{13}\text{P}_3 \cdot x\text{Na}^+$   
Molecular Weight: 522.07 (free acid basis)

Test	Specification	Result
Appearance	Clear colorless liquid solution	Complies
Enrichment	$^{15}\text{N} \geq 98\%$	99%
Identification ( $^1\text{H}$ -NMR)		Complies
Identification ( $^{13}\text{C}$ -NMR)		Complies
Purity ( $^1\text{H}$ -NMR)	$\geq 98 \text{ atom\% } ^{13}\text{C}$	99 atom% $^{13}\text{C}$
Purity (HPLC)	$\geq 90\%$	94%
pH		7
UV/Visible Spectrum		100 mM

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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