



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-474497
Lot Number: SAMPLE
Product Name: Inosine-13C5 5'-monophosphate triethylammonium salt
CAS Number:
Molecular Formula: $C_6(^{13}C)_5H_{12}N_4O_8P \cdot C_6H_{15}N$
Molecular Weight: 454.36
Native Source: Synthetic

Test	Specification	Result
Appearance	White to off-white solid	White solid
Identification (NMR)	Consistent with structure	Complies
Identification (31P-NMR)	Consistent with structure	Complies
Identification (Mass Spectrometry)	Consistent with structure	Complies
Isotopic Purity	> 95%	99.00%
Purity		95%
Specific Rotation		-31.1° (c = 0.2, water)
Impurity		~2.0% Triethylammonium Phosphate
Carbon Content	49.52% (for x = 2.5)	46.89%
Hydrogen Content	8.40% (for x = 2.5)	7.90%
Nitrogen Content	15.02% (for x = 2.5)	14.40%

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.

Santa Cruz Biotechnology, Inc. 800.457.3801 831.457.3800 fax 831.457.3801 Europe +00800 4573 8000 49 62221 4503 0 www.scbt.com