



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-490134
Lot Number: SAMPLE
Product Name: Guanosine 5'-(tetrahydrogen triphosphate) Sodium Salt
CAS Number: 24905-71-3
Molecular Formula: $C_{10}H_{16}N_5O_{14}P_3 \cdot xNa$
Molecular Weight: 523.18

Test	Specification	Result
Appearance		White solid
Identification (1H-NMR)		Consistent with structure
Identification (31P-NMR)		Consistent with structure
Identification (Mass Spectrometry)		Consistent with structure
Purity (TLC)		> 80%
Atmosphere		Inert gas
Melting Point		> 240.0 °C (dec.)
Solubility		Water
Carbon Content	20.39%	19.17%
Hydrogen Content	2.22%	2.95%
Nitrogen Content	11.89%	10.76%
Sodium Content		10.4% (for x = 3)

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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