



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-210759
Lot Number: SAMPLE
Product Name: Adenosine 3'-phosphate 5'-phosphosulfate lithium salt
CAS Number: 109434-21-1
Molecular Formula: $C_{10}H_{15}N_5O_{13}P_2S \cdot xLi$
Molecular Weight: 507.26

Test	Specification	Result
Appearance	White powder	Complies
Purity	$\geq 60\%$	62%
Solubility	Colorless, clear solution at 50 mg/mL in H ₂ O	Complies
Solvent Content (GC)	$\leq 5\%$	$< 0\%$
UV/Visible Spectrum	12 - 15 mM, Dry and free acid basis at pH 7.0	13
λ_{max}	259 - 260 nm	259 nm
Lithium	4 - 6%	5%
Water Content (KF)	$\leq 18.0\%$	11.5%

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