



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-210760
Lot Number: SAMPLE
Product Name: Adenosine 3',5'-diphosphate disodium salt
CAS Number: 75431-54-8
Molecular Formula: $C_{10}H_{13}N_5O_{10}P_2 \cdot 2Na$
Molecular Weight: 471.16

Test	Specification	Result
Appearance	White powder	Complies
Purity (HPLC)	$\geq 96\%$	99%
Solubility	Clear colorless to very faint yellow at 25 mg/ml in water	Clear colorless
Solvent Content (GC)	$\leq 7.0\%$	1.4%
Extinction Coefficient	EmM: 12.7 - 13.9 (dry basis, Based on free acid weight, 0.1 M Phosphate pH 7.0)	13.4
Wavelength	258 - 260 nm	259 nm
Sodium	7.5 - 11.8% (dry basis)	11.4%
Water Content (KF)	$\leq 13\%$	6%

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