



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-202442
Lot Number: SAMPLE
Product Name: Adenosine 5'-Diphosphate disodium salt
CAS Number: 16178-48-6
Molecular Formula: $C_{10}H_{13}N_5Na_2O_{10}P_2$
Molecular Weight: 471.2
Native Source: yeast

Test	Result
Appearance	White to off-white powder
Assay (Dried Basis)	97.2 %
Purity (HPLC)	98.5 %
Clarity of solution	Complies
pH	3.2
Solubility	Easily soluble in water, practically insoluble in ethanol or ether
UV Absorption	250/260 0.84 280/260 0.21
Loss on Drying	8.6 %
Ammonia	<0.02 %

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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