



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-214555
Lot Number: SAMPLE
Product Name: Argininosuccinic acid disodium salt
CAS Number: 918149-29-8
Molecular Formula: $C_{10}H_{16}N_4Na_2O_6$
Molecular Weight: 334.24

Test	Specification	Result
Appearance	White to off-white powder	White powder
Identification (Infrared Spectrum)	Consistent with structure	Complies
Purity (TLC)	$\geq 80\%$	90%
Solubility	Clear colorless to faint yellow at 50 mg/ml in purified water	Clear colorless at 50 mg/ml in purified water
Sodium	9.0 - 16.5%	11.4%
Water Content (KF)	$\leq 13.0\%$	11.7%

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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