



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-239021
Lot Number: SAMPLE
Product Name: 5-(N,N-Hexamethylene)amiloride
CAS Number: 1428-95-1
Molecular Formula: $C_{12}H_{18}ClN_7O$
Molecular Weight: 311.77

Test	Specification	Result
Appearance	Yellow powder	Light yellow powder
Identification (NMR)	Consistent with structure	Complies
Purity (TLC)	$\geq 98.00\%$	98.00%
Residual Solvents	Methanol $\leq 1.00\%$	0.00%
Solubility	Yellow ,clear solution at heating 0.1N HCl in 19.60 - 20.40 mg/ml	Yellow ,clear solution at heating 0.1N HCl in 20 mg/ml
Carbon Content	45.65% - 46.65%	46.32%
Nitrogen Content	30.93% - 31.93%	31.52%
Water Content (KF)	$\geq 0.00\%$	0.43%

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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