



The Power to Question

# CERTIFICATE OF ANALYSIS

Catalog Number: sc-214264A  
Lot Number: SAMPLE  
Product Name: 4-Nitrophenyl 4-guanidinobenzoate hydrochloride  
CAS Number: 19135-17-2  
Molecular Formula:  $C_{14}H_{12}N_4O_4 \cdot HCl$   
Molecular Weight: 336.73

Test	Specification	Result
Appearance	Pale yellow to yellow powder	Faint yellow powder
Identification (NMR)	Consistent with structure	Complies
Purity (TLC)	$\geq 98.00\%$	98.00%
Residual Solvents	Methanol: $\leq 1.00\%$	0.85%
Solubility	Clear faint yellow to light yellow at 49.00 - 51.00 mg/ml in HCOOH	Clear faint yellow at 50.00 mg/ml in HCOOH
Carbon Content	49.43 - 50.43 %	50.13%
Nitrogen Content	16.14 - 17.14 %	16.73%
Water Content (KF)	$\geq 0.00\%$	0.85%

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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