



The Power to Question

# CERTIFICATE OF ANALYSIS

Catalog Number: sc-203056  
Lot Number: SAMPLE  
Product Name: GEA 5024  
CAS Number: 144575-27-9  
Molecular Formula:  $C_8H_7ClN_4O \cdot HCl$   
Molecular Weight: 247.1

Test	Specification	Result
Appearance	White to off-white crystalline solid	White crystalline solid
Identification (Infrared Spectrum)	Consistent with standard reference	Complies
Purity (HPLC)	> 97.0%	98.0%
Melting Point	185 -190 °C	187 - 189 °C (dec.)
Solubility	Completely soluble in water	Complies
Carbon Content	38.89%	38.10%
Chlorine Content	28.70%	29.18%
Hydrogen Content	3.26%	3.17%
Nitrogen Content	22.68%	22.26%

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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