



The Power to Question

# CERTIFICATE OF ANALYSIS

Catalog Number: sc-200600  
Lot Number: SAMPLE  
Product Name: 1-Aminobenzotriazole  
CAS Number: 1614-12-6  
Molecular Formula:  $C_6H_6N_4$   
Molecular Weight: 134.14

Test	Specification	Result
Appearance	Faint yellow to yellow-tan powder	Light yellow powder
Purity (NMR)	$\leq 1.00\%$ (residual solvent: hexane)	0.18%
Purity (TLC)	$\geq 98.00\%$	99.50%
Melting Point	79 °C - 85 °C	80 °C - 83 °C
Solubility	Clear pale yellow to yellow solution in ethanol at 49.00 - 51.00 mg/mL	Clear light yellow solution in ethanol at 50.00 mg/mL
Carbon Content	53.00 - 54.22%	53.65%
Nitrogen Content	40.87 - 42.67%	42.59%
Water Content (KF)	$\geq 0.00\%$	0.09%

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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