



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-327578
Lot Number: SAMPLE
Product Name: Ethyl imidazole-4-carboxylate
CAS Number: 23785-21-9
Molecular Formula: $C_6H_8N_2O_2$
Molecular Weight: 140.14

Test	Specification	Result
Appearance	White powder or crystalline powder	White powder
Identification (FTIR)		Consistent with structure
Identification (1H -NMR)		Consistent with structure
Identification (Mass Spectrometry)		Consistent with structure
Purity (HPLC)	$\geq 98\%$	99.0%
Melting Point	160 - 165 °C	161 - 165 °C
Residue on Ignition	$\leq 1.0\%$	0.2%
Loss on Drying	$\leq 1.0\%$	0.1%

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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