



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-227044
Lot Number: SAMPLE
Product Name: 6-Amino-2-methylpyridine-3-carbonitrile
CAS Number: 183428-90-2
Molecular Formula: $C_7H_7N_3$
Molecular Weight: 133.15

Test	Specification	Result
Appearance	White to tan solid, powder, crystals.	Off - White powder
Identification (1H -NMR)	Consistent with structure	Complies
Identification (^{13}C -NMR)	Consistent with structure	Complies
Identification (Infrared Spectrum)	Consistent with structure	Complies
Purity (GC)	$\geq 96.5\%$	99.9%
Purity (Titration)	96.5% - 103.5% (with $HClO_4$)	99.6% (with $HClO_4$)
Melting Point		162.6 - 165.8 °C
Carbon Content		63.28%
Nitrogen Content		31.53%

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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