



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-226352
Lot Number: SAMPLE
Product Name: 4-(1H-1,2,4-Triazol-1-ylmethyl)aniline hydrochloride
CAS Number: 144235-64-3
Molecular Formula: $C_9H_{10}N_4 \cdot HCl$
Molecular Weight: 210.66

Test	Specification	Result
Appearance	White to tan solid power crystals	Light yellow crystalline powder
Identification (1H-NMR)		Consistent with structure
Identification (13C-NMR)		Consistent with structure
Purity (HPLC)	$\geq 96.5\%$	99.9%
Purity (Silver Nitrate Titration)	96.5% - 103.5%	100.1%
Melting Point		173.3-181.5 °C
Carbon Content		51.29%
Nitrogen Content		26.70%

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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