



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-207785
Lot Number: SAMPLE
Product Name: L-4-Fluoro-phenyl-alanine
CAS Number: 1132-68-9
Molecular Formula: $C_9H_9FNO_2$
Molecular Weight: 183.182

Test	Specification	Result
Appearance	White or off-white powder	Complies
Optical Purity (HPLC)	$\geq 99\%$	99.8%
Purity (HPLC)	$\geq 98\%$	99.5%
Residue on Ignition	$\leq 0.1\%$	0.05%
Specific Rotation ($\alpha_{20/D}$)	$-25 \pm 1^\circ (C=1, H_2O)$	-24.4°
Loss on Drying	$\leq 0.5\%$	0.21%

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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