



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-391013
Lot Number: SAMPLE
Product Name: L-Glutamine
CAS Number: 56-85-9
Molecular Formula: $C_5H_{10}N_2O_3$
Molecular Weight: 146.14

Test	Specification	Result
Appearance	White to off-white crystalline powder	White crystalline powder
Identification (FTIR)		Consistent with the structure
Identification (Mass Spectrometry)		Consistent with the structure
Purity (HPLC)	$\geq 99\%$	99.9%
Melting Point	187 - 204 °C	187 - 190 °C
Optical Rotation	+6.3° ~ +7.3° (C=4, H ₂ O)	+6.8°

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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