



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-218628
Lot Number: SAMPLE
Product Name: L-Aminobutyric Acid
CAS Number: 1492-24-6
Molecular Formula: $C_4H_9NO_2$
Molecular Weight: 103.12

Test	Specification	Result
Appearance	White to beige crystalline powder	White crystalline powder
Identification (FTIR)		Consistent with structure
Identification (Mass Spectrometry)		Consistent with structure
Purity (HPLC)	$\geq 98\%$	99.1%
Melting Point	280-312 °C	Complies
Optical Rotation	+19° - +23° (C=4.8, 6NHCl)	+20.0°

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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