



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-200477
Lot Number: SAMPLE
Product Name: L-trans-Pyrrolidine-2,4-dicarboxylic acid
CAS Number: 64769-66-0
Molecular Formula: $C_6H_9NO_4$
Molecular Weight: 159.1

Test	Specification	Result
Appearance		White powder
Identification	Passes	Complies
Identification (1H-NMR)		Consistent with structure
Identification (Mass Spectrometry)		Consistent with structure
Purity (HPLC)	$\geq 98\%$	> 99.5%
Optical Rotation		50.4° (H ₂ O; c = 1)
Carbon Content		45.13%
Hydrogen Content		5.73%
Nitrogen Content		8.75%

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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