



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-257297
Lot Number: SAMPLE
Product Name: D-Tyrosine
CAS Number: 556-02-5
Molecular Formula: $C_9H_{11}NO_3$
Molecular Weight: 181.19

Test	Specification	Result
Appearance	White to off white powder or crystals	White powder
Enantiomeric Excess	$\geq 98.5\%$	100.0%
Identification (Infrared Spectrum)	Consistent with structure	Complies
Purity (HPLC)	$\geq 98.5\%$	100.0%
Optical Rotation	10.0 - 12.0 °(c = 4%, 1N HCl)	10.7°
Carbon Content	58.8 - 60.6%	59.5%
Nitrogen Content	7.5 - 7.9%	7.8%

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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