



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-202521
Lot Number: SAMPLE
Product Name: Carnosine
CAS Number: 305-84-0
Molecular Formula: $C_9H_{14}N_4O_3$
Molecular Weight: 226.2

Test	Specification	Result
Purity (HPLC)	$\geq 98\%$	99.4%
Purity (Nonaqueous Titration)	$\geq 98\%$	99.7%
Solubility	Almost transparency in water	Transparency in water
Specific Rotation ($\alpha_{20/D}$)	+19.8 - +22.2° (c=2, H ₂ O)	+21.1°
Impurity	Histidine $\leq 0.50\%$	0.33%
Loss on Drying	$\leq 1.0\%$	0.1%

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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