



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-364687
Lot Number: SAMPLE
Product Name: L-Canavanine
CAS Number: 543-38-4
Molecular Formula: $C_5H_{12}N_4O_3$
Molecular Weight: 176.17
Native Source: *Canavalia ensiformis*

Test	Specification	Result
Appearance	White to yellow powder	Off-white solid
Purity (TLC)	$\geq 98\%$	99%
Solubility	Clear to slightly hazy colorless to yellow solution at 100 mg/ml in water	Slightly hazy faint yellow solution at 100 mg/ml in water
Carbon Content	32.7 - 35.5%	35.0% (anhydrous basis)
Nitrogen Content	30.5 - 33.1%	32.0% (anhydrous basis)
Water Content (KF)	$\leq 10\%$	9%

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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