



The Power to Question

# CERTIFICATE OF ANALYSIS

Catalog Number: sc-228386  
Lot Number: SAMPLE  
Product Name: L-(+)-Canavanine sulfate salt monohydrate  
CAS Number: 206996-57-8  
Molecular Formula:  $C_5H_{16}N_4O_8S$   
Molecular Weight: 292.27

Test	Specification	Result
Appearance (Color)	White	Complies
Appearance (Form)	Crystal to Powder	Powder
Identification (Infrared Spectrum)	Consistent with structure	Complies
Purity (TLC)	$\geq 98\%$	$> 98\%$
Solution (Color)	Colorless to Light Yellow	Colorless
Solution (Turbidity)	Clear	Complies
Optical Rotation	18 - 20°	18°
Carbon Content	21.2 - 22.6 %	22.2 %
Nitrogen Content	19.7 - 21.1 %	20.3 %
Water Content (KF)	$\leq 7.0\%$	6.0%

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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