



The Power to Question

# CERTIFICATE OF ANALYSIS

Catalog Number: sc-257292  
Lot Number: SAMPLE  
Product Name: D-Phenylalanine  
CAS Number: 673-06-3  
Molecular Formula:  $C_9H_9NO_2$   
Molecular Weight: 165.19

Test	Result
Purity	100%
Residue on Ignition	0.01% (as sulfate)
Solubility	Clear and colorless (c=2 in water)
Specific Rotation ( $\alpha_{20/D}$ )	+33.8° (C=2 in water)
Heavy Metals (Pb)	< 10 ppm
loss on Drying	0.08%
Other Amino Acids	Not detected by P.P.C
Ammonium	< 0.02%
Arsenic	< 1 ppm
Chloride	< 0.02%
Iron	< 10 ppm
Sulfate	< 0.03%

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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