



The Power to Question

# CERTIFICATE OF ANALYSIS

Catalog Number: sc-285996  
Lot Number: SAMPLE  
Product Name: H-Phe-Tyr-OH  
CAS Number: 17355-18-9  
Molecular Formula:  $C_{18}H_{20}N_2O_4$   
Molecular Weight: 328.36

Test	Result
Appearance	White powder
Purity	99.4% (Cfd 65.43% by elemental analysis)
Purity (TLC)	> 98%
TLC	Complies
Solubility	Clear, colorless solution (50 mg/ml in 80% acetic acid)
Optical Rotation ( $\alpha_{24/D}$ )	+ 49.2° (C=1 in acetic acid)
Related Substances (TLC)	< 0.2% H-Phe-OH
Carbon Content	65.4%
Hydrogen Content	6.2%
Nitrogen Content	8.4%
Water Content (KF)	0.2%

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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