



The Power to Question

# CERTIFICATE OF ANALYSIS

Catalog Number: sc-255248  
Lot Number: SAMPLE  
Product Name: L-Tyrosine hydrochloride  
CAS Number: 16870-43-2  
Molecular Formula:  $C_9H_{11}NO_3 \cdot HCl$   
Molecular Weight: 217.65

Test	Result
Appearance	White crystalline powder
Identification (Infrared Spectrum)	Consistent with reference
Purity	99.7%
Melting Point	233 - 247 °C
Solubility	4.0% in 1N HCl (clear and complete)
Optical Rotation	-9.8° (C = 5 in 1N HCl)
Heavy Metals	< 20 ppm
Loss on Drying	0.21% (110 °C)

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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