



*The Power to Question*

# CERTIFICATE OF ANALYSIS

Catalog Number: sc-397196  
Lot Number: SAMPLE  
Product Name: L-Proline  
CAS Number: 147-85-3  
Molecular Formula:  $C_5H_9NO_2$   
Molecular Weight: 115.13

Test	Result
Appearance	White powder
Assay	99.80%
Purity (TLC)	> 98%
pH	6.2
Residue on Ignition	0.05% (Sulfated)
Optical Rotation ( $\alpha_{20/D}$ )	-85°
Transmittance	98.5%
Heavy Metals (Pb)	6 ppm
Loss on Drying	0.16%
Moisture	< 0.2% (KF)
Other Amino Acids	Not detected
Ammonium	0.015%
Arsenic	0.5 ppm
Chloride	0.010%
Iron	5 ppm
Sulfate	0.012%

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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