



# CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-295291  
Lot Number: SAMPLE  
Product Name: L-Isoleucine 4-nitroanilide  
CAS Number: 70324-66-2  
Molecular Formula:  $C_{12}H_{17}N_3O_3$   
Molecular Weight: 251.29

Test	Result
Appearance	Yellow powder with white tubbers
Purity	99.9%
Purity (TLC)	> 99%
Melting Point	60 °C
Solubility	Clear solution (c = 5% in methanol)
Solution	Clear, slightly yellow solution (50 mg/ml in methanol)
Related Substances	< 0.1% pNA
Carbon Content	57.36 ± 0.5%
Hydrogen Content	6.82 ± 0.5%;
Nitrogen Content	16.72 ± 0.5%

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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