



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-295312
Lot Number: SAMPLE
Product Name: L-Phenylalanine beta-naphthylamide
CAS Number: 740-57-8
Molecular Formula: $C_{19}H_{18}N_2O$
Molecular Weight: 290.36

Test	Result
Appearance	White powder
Assay	98.7% (Nfd 9.52% by elemental analysis)
Purity (TLC)	> 99%
Melting Point	128 °C
Solution	Clear, colorless solution (50 mg/ml in methanol)
Related Substances	< 0.1% β -naphthylamine
Carbon Content	77.9% (Calc. as 0.15 H ₂ O (0.92%))
Hydrogen Content	6.3% (Calc. as 0.15 H ₂ O (0.92%))
Nitrogen Content	9.6% (Calc. as 0.15 H ₂ O (0.92%))
Water Content (KF)	1.0%

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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