



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-295337
Lot Number: SAMPLE
Product Name: L-Tryptophan beta-naphthylamide
CAS Number: 3326-63-4
Molecular Formula: $C_{21}H_{19}N_3O$
Molecular Weight: 329.40

Test	Specification	Result
Appearance		White powder
Identification (TLC)	Consistent with authentic material	Complies
Purity (TLC)		> 99%
Melting Point		146 °C
Solubility		Clear, slightly yellowish solution (50 mg/ml in 80% AcOH)
Specific Rotation (α^{24}/D)		+86.6° (1% CH ₃ OH)
Impurity		< 0.1 % β -Naphthylamide (TLC)
Carbon	76.57%	76.69%
Hydrogen	5.81%	5.97%
Nitrogen	12.76%	12.74%

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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