



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-203466
Lot Number: SAMPLE
Product Name: 2-Phenylmelatonin
CAS Number: 151889-03-1
Molecular Formula: $C_{19}H_{20}N_2O_2$
Molecular Weight: 308.38

Test	Specification	Result
Appearance		Beige solid
Identification (1H -NMR)		Consistent with structure
Purity (HPLC)		> 98.2%
TLC		Rf = 0.3 (Ethyl acetate: Petroleum ether = 3: 1)
Carbon Content	72.94%	73.15%
Hydrogen Content	6.6%	6.54%
Nitrogen Content	8.95%	8.91%

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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