



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-227737
Lot Number: SAMPLE
Product Name: D-Tryptophan benzyl ester
CAS Number: 141595-98-4
Molecular Formula: $C_{18}H_{18}N_2O_2$
Molecular Weight: 294.35

Test	Specification	Result
Appearance	White to faint orange powder crystals	Off-white powder
Identification (Infrared Spectrum)		Consistent with structure
TLC	Consistent with 98% Purity	Complies
Solubility	Clear colorless to faint solution at 50 mg/ml in $CHCl_3$	Clear faint yellow solution at 50 mg/ml in $CHCl_3$
Optical Rotation	-10° (+/-1) (C = 1% 200 proof Ethanol)	-9.2° (C = 1% 200 proof Ethanol)
Carbon Content	71.6 - 75.3%	73.82%
Nitrogen Content	9.2 - 9.8%	9.54%

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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