



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-281560A
Lot Number: SAMPLE
Product Name: N-Acetyl-5-methoxy-DL-tryptophan monohydrate
CAS Number: 43167-40-4
Molecular Formula: $C_{14}H_{16}N_2O_4 \cdot H_2O$
Molecular Weight: 294.30

Test	Specification	Result
Appearance	Off-white to slightly red crystalline powder	Slightly red crystalline powder
Identification (FTIR)	Consistent with reference spectrum	Complies
Purity (Sodium Hydroxide Titration)	98.0 - 102.0% (0.1 mol/L)	99.6% (0.1 mol/L)
TLC	Consistent with reference material	Complies
Solution (Color)	Colorless to slightly yellow at 1% in acetone	Colorless at 1% in acetone
Solution (Turbidity)	≤ 4.0 NTU at 1% in acetone	2.3 NTU at 1% in acetone
Water Content (KF)	5.1 - 7.1%	6.2%

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.

Santa Cruz Biotechnology, Inc. 800.457.3801 831.457.3800 fax 831.457.3801 Europe +00800 4573 8000 49 62221 4503 0 www.scbt.com