



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-281543
Lot Number: SAMPLE
Product Name: L-Histidine 7-amido-4-methylcoumarin
CAS Number: 191723-64-5
Molecular Formula: $C_{16}H_{16}N_4O_3$
Molecular Weight: 312.32

Test	Result
Appearance	Off-white powder
Purity	57.4% (Nth: 7.94%, Nfd: 10.30%)
Purity (HPLC)	Trifluoroacetic acid: 40.2%
Purity (TLC)	> 99%
Elemental Analysis	C = 44.19%, N = 10.30%, H = 3.40% calc.as 1.92 TFA (40.8%) x 0.18H ₂ O (0.60%)
Solubility	Clear, colorless solution (50 mg/ml in methanol)
Related Substances	< 0.1% AMC (7-amino-4-methylcoumarin)
Water Content (KF)	0.6%

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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