



Product Specification

Product Name: L-Alanine 7-amido-4-methylcoumarin, trifluoroacetate salt
Cat #: A-190
CAS #: 96594-10-4
Storage: Store desiccated at -20°C. Protect from light.

Test	Specifications
Color	white to off-white
Form	crystalline powder
Color of Solution (5% in methanol)	colorless
Turbidity (0.5% in methanol)	≤2.0 NTU
Water Content (K. Fischer)	≤2.0%
Decomposition Point	200 to 206°C
Purity (HPLC)	≥98.0 area-%
Specific Optical Rotation [α] _D (c = 1 in methanol; 20°C)	8.0 to 10.0
TLC (50 mg in 1.5 ml methanol; butanol/acetic acid/water 6:3:1; UV 254 nm, ninhydrin)	corresponds to reference material
Free AMC (50 mg in 1.5 ml methanol; toluene/acetone 1:1; UV 366 nm)	≤50 mg/kg
FT-IR Spectrum	corresponds to reference spectrum

GOLD BIOTECHNOLOGY, INC. provides this Product Specification in good faith. Specifications are subject to change.

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