



Product Specification

Product Name: L-Leucine 7-amido-4- methylcoumarin hydrochloride
Cat #: L-120
CAS #: 62480-44-8
Storage: Store at -20°C. Protect from light.

Test	Specifications
Color	white to almost white
Form	powder
Color of Solution (1% in water)	colorless
Turbidity (0.5% in methanol)	max. 2.0 NTU
Loss on Drying (105°C, 3 hours, vacuum)	max. 4.0%
Argentometric Titration (calculated on dry matter)	99.0-101.0%
TLC (50 mg in 1.5 ml methanol; chloroform/methanol/acetic acid 17:2:1; UV 254 nm)	corresponds to reference material
Free AMC (50 mg in 1.5 ml methanol; butanol/acetic acid/water 3:1:1; UV 366 nm)	max. 50 mg/kg
Specific Optical Rotation [alpha] _D (c = 1 in methanol, 20 °C; calculated on dry matter)	62.5 - 64.5
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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