



Product Specification

Product Name: L-Glutamic acid γ -(7-amido-4-methylcoumarin)
Cat #: G-147
CAS #: 72669-53-5
Storage: Store at -20°C. Protect from light.

Test	Specifications
Color	white to off-white
Form	powder
Color of Solution (1% in 1 mol/L NaOH)	colorless to slightly yellow
Turbidity (1% in 1 mol/L NaOH)	max. 4.0 NTU
Water Content (K. Fischer)	max. 8.0%
Specific Optical Rotation $[\alpha]_D$ (c = 0.3 in 1 mol/L NaOH, 20°C)	9.5 to 11.5
Purity (TLC) (10 mg in 1 ml acetic acid 80%; chloroform/methanol/acetic acid 5:3:1; UV 254 nm, ninhydrin)	min. 99.0 area-%
Purity (TLC) (10 mg in 1 ml acetic acid 80%; chloroform/methanol/acetic acid 5:3:1; UV 254 nm, ninhydrin)	max. 100 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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