



Product Specification

Product Name: Indole-3-acetyl-L- isoleucine
Cat #: I-140
CAS #: 57105-45-0
Storage: Store at -20°C. Protect from light.

Test	Specifications
Color	slightly off-white to off-white
Form	crystalline powder
Color of Solution (1% in ethanol)	colorless to almost colorless
Turbidity (1% in ethanol)	≤4.0 NTU
Water Content (K. Fischer)	≤0.5%
Melting Point	180-184°C
Sodium Hydroxide Titration (0.1 mol/L) (in ethanol)	99.0-101.0%
TLC (30 mg/mL in ethanol; propanol/ammonia/water 8:1:1; UV 254 nm, van Urk)	corresponds to reference material
Specific Optical Rotation [α] _D (c = 3 in methanol, 20°C)	5.0 to 7.0
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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