



Product Specification

Product Name: 5-Amino-DL-tryptophan
Cat #: A-296
CAS #: 6383-69-3
Storage: Store at -20°C. Protect from light.

Test	Specifications
Color	gray to brown
Form	crystalline powder
Color of Solution (0.5% in 1 mol/L NaOH)	colorless to brown
Turbidity (0.5% in 1 mol/L NaOH)	max. 2.0 NTU
Color of Solution (0.5% in 1 mol/L HCl)	colorless to brown
Turbidity (0.5% in 1 mol/L HCl)	max. 2.0 NTU
Loss on Drying (105°C, 4 hours, vacuum)	max. 10%
Decomposition Point	267 - 273°C
Perchloric Acid Titration (0.1 mol/L) (calculated on dry matter)	98.0 - 102.0%
TLC (50 mg in 10 ml solvent system; propanol/ammonia/water 4:1:1; UV 254 nm, ninhydrin)	corresponds to reference material
FT-IR Spectrum	corresponds to reference spectrum

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

Gold Biotechnology, Inc.

1328 Ashby Rd.

St. Louis, MO 63132

P: (314)890-8778

F: (314)890-0503

E: contactgoldbio86@goldbio.com