

Certificate of Analysis

Product Name: 6-Chloro-DL-tryptophan
Cat #: C-595
CAS #: 17808-21-8
Lot #: Lot Specific
Retest Date[†]: Lot Specific
Storage: Store desiccated at -20°C.

Test	Specs	Results
Color	White to Off-White Powder	Complies
Color of Solution (1% in 0.1 mol/L HCl)	colorless to almost colorless	Complies
Turbidity (1% in 0.1 mol/L HCl)	≤4.0 NTU	<4.0 NTU
Water Content (K. Fischer)	≤1.0%	<1.0%
Perchloric Acid Titration (0.1 mol/L)	99.0 to 101.0 %	Complies
Purity (HPLC)	≥99.0 area-%	>99.0 area-%
TLC (20 mg/mL in solvent system; propanol/acetic acid/water 4:1:1; UV 254 nm, van Urk)	corresponds to reference material	corresponds
FT-IR Spectrum	corresponds to reference spectrum	corresponds

* Gold Biotechnology, Inc. provides this Certificate of Analysis in good faith and to the best of its knowledge. It should not be substituted for the user's own raw material quality control. This material is for laboratory use only.

† If provided, the Certificate of Analysis (COA) retest date corresponds to the recommended storage conditions provided on the COA. If no retest date is shown, the shelf-life for products is 2 years after purchase when stored according to COA recommendations. Retest dates are not rigid, and often only serve an informational purpose. COA retest dates are supplied by the manufacturer; however, GoldBio product labels may contain different storage recommendations to extend the life of the product beyond the manufacturer retest date or 2 years from purchase.

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