

Certificate of Analysis

Product Name: L-Homocysteine
Cat #: H-116
CAS #: 6027-13-0
Lot #: Lot Specific
Retest Date: Lot Specific
Storage:[†] Store desiccated at -20°C. Protect from light.

Test	Specs	Results
Color	white to slightly off-white	white
Form	powder	powder
pH-Value (5 % in water at 25°C)	3.7 to 5.3	4.9
Specific Optical Rotation [alpha] _D (c = 1 in 1 mol/L HCl, 20°C)	25.0 to 29.0	25.8
Perchloric Acid Titration (0.1 mol/L)	97.0 to 103.0%	100.0%
TLC (20 mg/ml in water + derivatization reagent N-Ethylmaleimide; butanol/acetic acid/water 3:1:1; UV 254 nm, ninhydrin)	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.

† Storage at listed temperature applies to retest date (if shown) or two years from purchase date. Check label for long term storage conditions, which may extend the product beyond the retest date and/or greater than two years from purchase.

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