

Certificate of Analysis

Product Name: Erythromycin
Cat #: E-350
CAS #: 114-07-8
Lot #: Lot Specific
Retest Date: Lot Specific
Storage:[†] Store at 4°C. Protect from light.

Test	Specs	Results
Color	white to slightly yellow	white
Form	crystalline powder	crystalline powder
Color of Solution (5% in ethanol 96%)	colorless to slightly yellow	almost colorless
Turbidity (0.5% in ethanol 96%)	max. 2.0 NTU	1.1 NTU
Water Content (K. Fischer)	max. 6.5%	1.7%
Specific Optical Rotation [alpha]D (c = 2 in ethanol, after 30 min)	-78.0 to -71.0	-73.6
Purity (HPLC)	min. 93.0 area-%	93.8 area-%
TLC (1 mg/mL in methanol; 2propanol/ammonia acetate buffer pH 9.6/ethyl acetate 40:80:90; sulfuric acid)	corresponds to reference material	corresponds
Sulphated Ash	max. 0.2%	0.1%
Impurity (thiocyanate, UV)	max. 0.3%	<0.3%
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.

Gold Biotechnology, Inc.
 1328 Ashby Rd.
 St. Louis, MO 63132
 P: (314)890-8778
 F: (314)890-0503
 E: contactgoldbio86@goldbio.com