



## Certificate of Analysis

Product Name: Indole-3-acetic Acid (IAA)  
 CAT #: I-110  
 CAS #: 87-51-4  
 LOT #: Lot Specific  
 Retest Date: Lot Specific  
 Storage: Store at 4°C

TEST	SPECS	RESULT
Color:	Rose-colored to brownish powder	Rose-colored powder
Color of Solution: (1% in Ethanol)	Rose-colored to brownish	Corresponds
Assay: (alcalimetric titration)	>98.0%	99.1%
TLC: (100 mg in 3 ml ETOH; 1-propanol/ammonia/water 8:1:1; UV 254 nm, van Urk reagent)	In accordance with reference material	Corresponds
Melting point:	167±2°C	168°C
Water Content (K. Fischer)	Max. 0.5%	0.1%
Purity (HPLC):	>99.0 area-%	99.6 area-%
Sulphated Ash:	<0.3%	0.01%
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.

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