

Certificate of Analysis

Product Name: 4-Methoxyindole
Cat #: M-170
CAS #: 4837-90-5
Lot #: Lot Specific
Retest Date: Lot Specific
Storage:[†] Store at 4°C. Protect from light.

Test	Specs	Results
Color	off-white to light brownish	off-white
Form	crystalline powder or colorless crystals	crystalline powder
Color of Solution (5% in ethanol)	colorless to light brownish, clear	corresponds
Water Content (K. Fischer)	max. 1.0%	0.1%
Assay (titration with 0.1 N perchloric acid in presence of mercuric acetate)	min. 99.0%	100.3%
Purity (GC)	min. 98.0 area-%	99.6 area-%
Thin Layer Chromatogram (100 mg in 3 ml of ethanol; toluene/diethyl ether 1:1; UV 254 nm, van Urk reagent)	corresponds to reference material	corresponds
Melting Point	69-71°C	70°C
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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