

## Certificate of Analysis

**Product Name:** IPA (Indole-3-propionic acid)  
**Cat #:** I-410  
**CAS #:** 830-96-6  
**Lot #:** Lot Specific  
**Retest Date:** Lot Specific  
**Storage:<sup>†</sup>** Store at -20°C. Protect from light.

Test	Specs	Results
Color	off-white to light yellow	slightly yellow
Form	crystalline powder	crystalline powder
Color of Solution (5% in ethanol)	colorless to slightly yellow	slightly yellow
Turbidity (0.5% in ethanol)	max. 2.0 NTU	0.2 NTU
Water Content (K. Fischer)	max. 0.5%	0.2%
Melting Point	132 to 136°C	134°C
Sodium Hydroxide Titration (0.1 mol/L) (in ethanol)	99.0 to 101.0%	99.8%
TLC (30 mg/mL in ethanol; propanol/ammonia/water 8:1:1;UV 254 nm)	corresponds to reference material	corresponds
Sulphated Ash	max. 0.1%	0.0%
FT-IR Spectrum	corresponds to reference material	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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