

Certificate of Analysis

Product Name: Abscisic acid
Cat #: A-050
CAS #: 21293-29-8
Lot #: Lot Specific
Retest Date[†]: Lot Specific
Storage: Store at -20°C. Protect from light.

Test	Specs	Results
Color	Off-white to light yellow	Conforms
Form	Crystalline Powder	Conforms
Color of Solution (1% in acetone)	colorless to slightly yellow	Conforms
Turbidity (1% in acetone)	≤4.0 NTU	<4.0 NTU
Melting Point	159-163°C	Conforms
Purity (HPLC)	≥98.0 area-%	>98.0 area-%
Loss on Drying (105°C, 3 hours, vacuum)	≤1.0%	<1.0%
Specific Optical Rotation [α] _D (c=1 in ethanol, 20°C)	405 to 413	Conforms
FT-IR Spectrum	Corresponds to reference material	Conforms

* 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.

† If provided, the Certificate of Analysis (COA) retest date corresponds to the recommended storage conditions provided on the COA. If no retest date is shown, the shelf-life for products is 2 years after purchase when stored according to COA recommendations. Retest dates are not rigid, and often only serve an informational purpose. COA retest dates are supplied by the manufacturer; however, GoldBio product labels may contain different storage recommendations to extend the life of the product beyond the manufacturer retest date or 2 years from purchase.

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