



Certificate of Analysis

Product Name: Deoxyribonucleic acid, sodium salt from Salmon Sperm
Cat #: D-112
CAS #: 9007-49-2
Lot #: Lot Specific
Retest Date[†]: Lot Specific
Storage: Store at 4°C.

Test	Specs	Results
Color	off-white to light brown	Complies
Form	powder	Complies
Color of Solution (10% in water at 40°C)	colorless to light yellow	Complies
Turbidity (1% in water at 40°C)	≤4.0 NTU	Complies
Loss on Drying (5 hours, 105°C)	≤12%	Complies
UV Wavelength (0.001% in phosphat buffer pH 7)	258.0 to 262.0 nm	Complies
Nitrogen Content (calculated on dry matter)	≥14.3%	Complies
Sodium Content (calculated on dry matter; IC)	≥5.8%	Complies
Phosphorus Content (calculated on dry matter)	≥8.1%	Complies
FT-IR Spectrum	corresponds with reference spectrum	Complies

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† 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.

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