

Certificate of Analysis

Product Name: Albumin Bovine Serum (BSA), Fraction V, Fatty Acid Free
Cat #: A-421
CAS #: 9048-46-8
Lot #: Lot Specific
Retest Date[†]: Lot Specific
Storage: Store desiccated at 4°C.

Test	Specs	Results
Appearance	White to yellow with tan to green cast lyophilized powder	White to yellow with tan to green cast lyophilized powder
Solubility (4% in water)	Clear to slightly hazy, faint yellow to yellow green solution	Complies
Protein (db)	≥98.0%	Complies
Purity	≥98.0%	Complies
Moisture	≤5.0%	Complies
pH (10% solution in water)	6.5 to 7.5	Complies
Ash (Residue on Ignition)	<2.0%	Complies
Bovine IgG	None Detected	Complies
NEFA	<0.01%	Complies
Protease	≤0.005% Units/mg	Complies
Endotoxin	≤3 EU/mg	Complies
Heavy Metals (as Pb)	≤10 ppm	Complies

* 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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