



CERTIFICATE OF ANALYSIS

PRODUCT NAME:	Albumin Bovine Serum Sulphydryl Blocked (Bsa)
CAS NO:	9048-46-8
CAT. NO:	I100-10SB
CONTAMINANTS:	Igg Free, Protease Free, Sulphydryl Free
EC NO:	232-936-2
EXPIRATION:	Over 3 Years
FORM:	Lyophilized Crystalline Powder
MICROBIAL CONTENT:	Typically No Growth
MOLECULAR WEIGHT:	66317.8
PH:	Typically 7.0-7.2
PROTEASE:	None Detected
PURITY:	> 99% Pure
SOURCE:	Bovine
STORAGE:	2-8C

High Purity BOVINE SERUM ALBUMIN Sulphydryl Blocked SB (BSA) Bulk Quantities from 1 - 50kgs single lot sizes. Lee Biosolutions is able to custom prepare Bovine Serum Albumin (BSA) to meet your specifications

Bovine Serum Albumin solubility: Albumins are readily soluble in dionized water and can only precipitated by high concentrations of neueral salts. Bovine Serum Albumin help stabilize other solubilized proteins. Bovine Serum albumin is readily coagulated with heat. Bovine serum albumin as with other albumin(s) are acidic proteins which occur in abundance in body fluids and tissues. bovine serum albumin is easily crystalized.

Bovine Serum Albumin (BSA) is used to solublize lipids, can be used as a blocking agent in Western blots and Elisa applications and as standards in protin calibration studies. Since our Bovine Serum Albumin (BSA) is globulin free, it is excellent for applications where no other proteins can be present such as electrophoresis.

Our Stable High Purity sulphydryl Blocked Bovine Serum Albumin (BSA) blocks free thiol groups to provide a high monomer albumin with minimum polymerization upon storage.

Our Bovine Serum Albumin (BSA)SB, is routinely used used as a blocker agent for streptavidin poly-HRP.

Bovine Serum Ablumin BSA SB is STERILE FILTERED before lyophilization.



Our Bovine Serum Albumin (BSA) can be used where stable primary standards are necessary and for immunodiagnostic assays such as EIA, RIA and ELISA. BSA is absent of protease and non-esterified fatty acids.

Sulphydryl Blocked Bovine Serum Albumin (BSA) is Free of reactive sulphydryl groups, Protease Free, IgG free, Low Calcium, Low Sodium, Low Chloride content.

Our Bovine Serum Albumin sulphydryl Blocked (BSA) is Free of interfering immunoglobulins, Highly soluble, crystalline powder that forms clear, particle-free solutions with water.

Bovine serum albumin (BSA) can be used as a diluent or a blocking agent in numerous applications including ELISAs (Enzyme-Linked Immunosorbent Assay), blots and immunohistochemistry. In restriction digests, bovine serum albumin BSA is used to stabilize some enzymes during digestion of DNA and to prevent adhesion of the enzyme to reaction tubes and other vessels. Bovine Serum Albumin (BSA) does not affect other enzymes that do not need it for stabilization. Bovine Serum Albumin (BSA) is used because of its stability.

Human Source material from which this product was derived was found negative for HIV1, HIV2, HCV antibodies, HIV-1 Antigen, hbsag and Syphilis by current FDA approved methods. Since no test method can offer complete assurance that an infectious agent is absent, all blood products should be treated as potentially infectious. This product should be handled at Bio-safety Level 2 as recommended in the CDC/NIH manual "Biosafety in microbiological and Biomedical Laboratories", 1999. This product is offered for Research, Laboratory or Further Manufacturing Use Only. Final determination of suitability of this product is the sole responsibility of the user.