



SB-0090

***Lyophilized Bovine Serum Albumin,
Sulphydryl Blocked***

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Description

SB-0090 is an off-white to amber, 98% minimum, lyophilized BSA powder produced by a proprietary process that effectively blocks free thiol groups to provide a high monomer albumin with minimum polymerization upon storage. The product is free of IgG and protease and is essentially free of fatty acids. SB-0090 is used where stable primary standards are necessary and for immunodiagnostic assays such as EIA, RIA and ELISA

Product Features

- Highly purified product absent of protease and non-esterified fatty acids
- Free of reactive sulphydryl groups
- Free of interfering immunoglobulins
- Complete traceability of raw materials and finished product
- Highly soluble, crystalline powder that forms clear, particle-free solutions with water
- Manufactured under cGMPs in a USDA-site registered facility
- Incoming feed stock only collected from U.S.-origin healthy animals that undergo extensive ante- and post-mortem inspections according to strict USDA requirements
- Available for Export under EU 1774

Analysis

	<u>Specification</u>	<u>Typical</u>
Protein Purity	Not less than 98%	99.8%
Sulphydryl Assay	None Detected	None Detected
Presence of Protease	None Detected	None Detected
Loss on Drying	Not more than 5%	1.1%
pH, 10%	6.7 – 7.3	7.1
Sodium content	Maximum 50 mEq/L	28
Chloride content	Maximum 35 mEq/L	5
Presence of IgG	Below Detectable Limits	Below Detectable Limits
Absorbance @550nm	<0.150	0.024
Microbial Content	Maximum 3 CFU/mL	0
Virus Testing		
<i>Vesicular stomatitis</i>	Negative	Negative
<i>Bluetongue</i>	Negative	Negative

Storage Recommendations

Store up to 3 years at 2 - 25°C