



BOVAL COMPANY, LP
505 W. Industrial Blvd.
Cleburne, Texas U.S.A.
Toll Free (800) 635-1706
www.bovalco.com

LY-0085

*Lyophilized Bovine Serum Albumin,
Fatty Acid and Protease Free*

Description

An off-white, 98% minimum, lyophilized BSA powder adjusted to pH 7.0 processed to be essentially free of protease and fatty acids. Used for immunodiagnostic assays such as EIA, RIA and ELISA

Product Features

- Highly purified product absent of protease and non-esterified fatty acids
- 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 Regulation (EC) No 1069/2009 and Regulation (EU) No 142/2011
- Superior Customer and Technical Support

Analysis

	<u>Specification</u>	<u>Typical</u>
Protein Purity	Not less than 98%	100%
Presence of Protease	None Detected	None Detected
Presence of Fatty Acids	Not more than 0.05%	0.02%
Loss on Drying	Not more than 5%	0.7%
pH, 10%	6.7 – 7.3	7.0
Conductivity, 10%	Maximum 3,000 μ S	1,050
Sodium content	Maximum 50 mEq/L	21
Chloride content	Maximum 50 mEq/L	1
Presence of IgG	Below Detectable Limits	Below Detectable Limits
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