



## **LY-0082**

***Lyophilized Bovine Serum Albumin,  
Low Endotoxin Grade***

**BOVAL COMPANY, LP**  
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### **Description**

LY-0082 is an off-white, 98% minimum, lyophilized BSA powder adjusted to pH 7.0 processed, tested and controlled to minimize bacterial endotoxins. LY-0082 is protease free with very low fatty acid content. LY-0082 is suitable for sensitive cell culture and serological activities.

### **Product Features**

- Highly purified product absent of protease and low 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 current Good Manufacturing Practices 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**

	<b><u>Specification</u></b>	<b><u>Typical</u></b>
Protein Purity	Not less than 98%	100%
Presence of Protease	None Detected	None Detected
Moisture	Not more than 5%	1.2%
pH, 10%	6.7 – 7.3	7.0
Conductivity, 10%	Maximum 3,000 $\mu$ S	1,250
Sodium content	Maximum 50 mEq/L	21
Chloride content	Maximum 50 mEq/L	1
Presence of IgG	Below Detectable Limits	Below Detectable Limits
Endotoxin (LAL)	< 2 EU/mg protein	0.9
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