



## **LY-0087**

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

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

LY-0087 is an off-white, 98% minimum, lyophilized BSA powder adjusted to pH 7.0 processed, tested and controlled for high purity, non-cytotoxicity and non-pyrogenicity. Additionally, LY-0087 is protease free and essentially free of fatty acids. LY-0087 is ideal for most sensitive cell culture applications and diagnostic assays that require low endotoxins.

### **Product Features**

- Highly purified product absent of protease and non-esterified fatty acids
- Processed for low bacterial endotoxins
- Absence of mycoplasma and cytotoxicity assured
- 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
- 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 IgG	Below Detectable Limits	Below Detectable Limits
Moisture	Not more than 3%	1.2%
pH	6.7 – 7.3	7.0
<i>Mycoplasma</i>	None Detected	None Detected
Cytotoxicity	None Detected	None Detected
Endotoxin	< 2 EU/mg protein	0.3
Virus Testing		
<i>Vesicular stomatitis</i>	Negative	Negative
<i>Bluetongue</i>	Negative	Negative

### **Storage Recommendations**

Store up to 3 years at 2-25°C.