



## **LY-0086**

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

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

An off-white, 98% minimum, lyophilized BSA powder adjusted to pH 7.0 – 7.4. LY-0086 is strictly processed and tested to a high degree for exacting customer demands for tissue culture applications. This product is also used for molecular immunology, blood banking and binding/transport functions when cytotoxicity can be a concern.

### **Product Features**

- Highly purified product with complete traceability of raw materials and finished product
- Highly soluble, crystalline powder that forms clear, particle-free solutions with water
- Additional viral, endotoxins and cytotoxicity testing protocols conducted
- 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
- Available in 1kg and 10kg containers

### **Analysis**

	<b><u>Specification</u></b>	<b><u>Typical</u></b>
Protein Purity	Not less than 98%	99.0%
Moisture	Not more than 5%	1.7%
pH, 10%	6.7 – 7.3	7.0
Conductivity, 10%	Maximum 3,000 $\mu$ S	950
Presence of IgG	Below Detectable Limits	Below Detectable Limits
Presence of Protease	None Detected	None Detected
Absorbance@440 nm	<0.150	0.050
Absorbance @550nm	<0.150	0.020
<i>Mycoplasma</i>	None Detected	None Detected
Cytotoxicity	None Detected	None Detected
BVD /IBR / PI-3 Panel	Negative	Negative
Virus Testing		
<i>Vesicular stomatitis</i>	Negative	Negative
<i>Bluetongue</i>	Negative	Negative
Microbial Content	Maximum 3 CFU/mL	0
Endotoxins	Maximum 50 EU/mg	5 EU/mg

### **Storage Recommendations**

Store up to 3 years at 2 - 25°C