

## Fatty Acid Free, Bovine Serum Albumin/BSA, Powder

**Cat #:** BGT-CRS-109

**Size:** 1kg

### Product Description

<b>Product Source</b>	Derived from bovine serum of 100% Australian origin using modern biochemical techniques for extraction and purification.
<b>Appearance</b>	off-white lyophilized powder
<b>Total Protein Content</b>	≥ 96%
<b>Albumin Purity</b>	≥ 98%
<b>A<sub>403</sub> Value of 1% Aqueous Solution</b>	≤ 0.15
<b>Moisture Content</b>	≤ 5.0 %
<b>Heavy Metals</b>	≤ 0.1 ppm
<b>pH Value</b>	6.5-7.5 (1% aqueous solution, 25°C)
<b>Solubility Test</b>	Dissolution time ≤ 10 min (6% w/v in DI H <sub>2</sub> O, 25°C)
<b>NEFA fatty acid content</b>	≤ 0.02%
<b>Storage and handling</b>	Product is shipped at ambient temperature. Recommended storage is at 2°C to 8°C.

**Uses:** This material is normally used in Serum Free Media as a carrier protein for trace elements, fatty acid, hormones and growth factors. Fatty Acid Free BSA allows the formulation of albumin with specific fatty acids to enhance cell culture system performance. It is a preferred alternative in assays where the presence of lipids or fatty acids compromises hormone or cholesterol readouts. Every batch is guaranteed to be ≤ 0.02% total fatty acids.

### Disclaimer

The reagent is only used in the field of scientific research, not suitable for clinical diagnosis or other purposes.