

Fatty Acid Free, Bovine Serum Albumin/BSA, Powder

Cat #: BGT-CRS-109

Size: 1kg 500g 100g 50g 10g

Product Description

Product Source	Derived from bovine serum of 100% Australian origin using modern biochemical techniques for extraction and purification.
Appearance	off-white lyophilized powder
Total Protein Content	≥ 96%
Albumin Purity	≥ 98%
A₄₀₃ Value of 1% Aqueous Solution	≤ 0.15
Moisture Content	≤ 5.0 %
Heavy Metals	≤ 0.1 ppm
pH Value	6.5-7.5 (1% aqueous solution, 25°C)
Solubility Test	Dissolution time ≤ 10 min (6% w/v in DI H ₂ O, 25°C)
NEFA fatty acid content	≤ 0.02%
Storage and handling	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.