

Low Endotoxin, Bovine Serum Albumin/BSA, Powder

Cat #: BGT-CRS-108

Size: 1kg

Product Description

Product Source	Derived from bovine serum of 100% Australian origin using modern biochemical techniques for extraction and purification.
Appearance	White to off-white lyophilized powder
Total Protein Content	≥ 97%
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)
Endotoxin	≤ 1.0 EU/mg
NEFA fatty acid content	≤ 0.02%
Bovine IgG	not detect
Storage and handling	Product is shipped at ambient temperature. Recommended storage is at 2°C to 8°C.

Uses: It is used as a natural carrier protein for indigenous fatty acids, trace minerals and growth factors in cell culture where the endotoxin level is important. BSA Low Endotoxin is ideal as a carrier of nutritional supplements in demanding serum-free and chemically defined cell and tissue cultures. It is an effective reagent to stabilize and dilute sensitive protein solutions and is also appropriate for diagnostic assays such as ELISA.

Disclaimer

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