BSA Solution, 10%

(Bovine Serum Albumin) Contains 100 g/L BSA in PBS

Cat. No. CBSA001 | Size: 100 mL

1. Product Description

BSA (Bovine Serum Albumin) is known to act as a carrier for various water-insoluble fatty acids in vivo, making it essential for in vitro animal cell culture under serum-free or low-serum conditions. In addition, its strong binding affinity for various metal ions (such as Cu, Fe, and Ni) plays a role in intracellular metabolic processes and cell protection. BSA can also be degraded and used as a source of various polypeptides, peptides, and amino acids. This product is supplied in a form where BSA is dissolved in PBS (Phosphate Buffered Saline).

2. Composition

Components	g/L
Bovine Serum Albumin	100.0

3. Product Quality Specifications

Appearance	pH	Osmolality	Sterility
Light brown clear liquid	pH 7.4 ± 0.3	308 ± 30 mOsm/kg H_2O	Sterile

4. Storage Conditions and Precautions

Protect from direct light and store refrigerated (2~8°C). The expiration date is indicated on the product label; do not use expired products. Product degradation may appear as precipitates, floating particles, turbidity, or color change; discard if any are observed. Storing against the inner walls of a refrigerator where temperatures may approach 0°C can cause degradation due to ice crystal formation. The addition of extra substances may also cause degradation.

5. Usage Instructions and Precautions

This product is temperature-sensitive; warm (incubate) it at the actual working temperature (e.g., 37°C) for the minimum necessary time only before use. This product is a sterile solution. Open the cap only in a sterile environment (e.g., a clean bench) using aseptic technique. It is recommended to use the entire contents after opening; otherwise, aliquot into a suitable sterile container and store properly.