

# Bovine Serum Albumin Caprylate Stabilized 30% Solution

SKU 68040

## SCIENTIFIC ANALYSIS

ATTRIBUTE	SPECIFICATION	TYPICAL
Protein	28% to 31%	28% to 31%
pH	6.8 to 7.3	6.8 to 7.3
Sodium Chloride	0 to 0.5 g/dL	0 to 0.5 g/dL
BIgG	None Detected	None Detected
Protease	≤0.005 units/mL	≤0.005 units/mL
Microbial Content	<1 cfu/mL	<1 cfu/mL

## PRODUCT BENEFITS

- High Purity, Low Interference, Low Background
- No Detectable IgG, Endotoxin, Enzyme or Protease Activity
  - Ensures assay integrity, component stability, and cell culture suitability
- Superior Solubility/Filterability for Ease of Use

## PROCESS BENEFITS

- Origin Traceability to Facilitate Regulatory Approval
- Closed-Loop Manufacturing\*
  - Eliminates the possibility of contamination and maximizes reproducibility
- Product Development and Technical Services designed for maximum responsiveness and flexibility

## QUALIFICATIONS

- Manufactured from USDA-inspected bovine plasma
- Validated for Prion (TSE) Clearance
- USDA/APHIS Registered for Shipment to the EU
- Manufactured according to FDA cGMPs
- TSE Certificate of Suitability

## APPLICATIONS

- In-vitro diagnostics (IVD)
- Cell and microbial systems
- Protease-sensitive immunoassays such as:
  - RIA
  - EIA
  - Fluorescent
  - Chemiluminescent

Continued on the other side.

## DESCRIPTION

Proliant Bovine Serum Albumin (BSA) solutions are high purity, “Fraction V” solutions derived from the plasma of USDA inspected healthy animals from abattoirs located in the United States and New Zealand.

Caprylate Stabilized 30% solution brings one of our best-selling BSA products to a convenient, ready-to-use solution for most diagnostic and research applications. It is processed utilizing the same Cohn/heat-shock procedure to inactivate proteases and other enzymes that can interfere in sensitive in-vitro diagnostic (IVD) assays, cell, and microbial systems.

## PHYSICAL CHARACTERISTICS

Proliant BSA solutions are a clear-to-slightly hazy and virtually particulate-free solution.

## PACKAGING

Standard package sizes are 10L and 1L. Sample sizes of 100 mL are available for evaluation.

PACKAGE	SIZE
Standard	1L and 10L
Sample	100 mL

## STORAGE RECOMMENDATIONS

Store frozen for up to 3 years.

## ORDERING INFORMATION

Please order by referencing:

10L:	68040
1L:	68040-1L

\*Proliant's unique **Closed-Loop** Manufacturing means that we collect only in exclusive abattoirs with our own USDA approved proprietary collection system. No other manufacturer can claim this important closed link, as they must buy their raw material from outside sources and the spot market. What's more, from the time our product enters our tankers to the moment it is loaded into the dryers, the product is not exposed to the external environment. Once the raw material reaches our cGMP plant, the material is loaded directly into our process and manufactured through a series of closed tanks, lines, filters and separation equipment. In our plant there are no exposed filter presses or open tanks, nor is any non-food grade or noxious solvent material introduced into the process. There is also no possibility of contamination with other animal-derived products or bovine tissues in our completely dedicated facility.