



PRODUCT DATA SHEET

Bovine Serum Albumin (BSA), Fraction V—Standard Grade

Catalog # 700-100P

PRODUCT DESCRIPTION:

700-100P is a highly purified “Fraction V” Bovine Serum Albumin (BSA). The lyophilized powder is initially fractionated through a modified heat-shock procedure and further purified by isolation from other plasma proteins, lipids, and extraneous ions by extensive diafiltration and ion-exchange steps. 700-100P is a work-horse protein that has typical applications in serum media, bacterial culture work and as a stabilizer for EIA and RIA enzymatic systems that require high purity.

Its characteristics include minimum 98% albumin, pH adjusted to 7, caprylate-free, and low conductivity. It is used in bacterial media, enzyme systems, and as a protein base.

INSTRUCTIONS FOR USE**Receipt and Storage:**

Ships ambient. Store refrigerated at 2 to 8°C.

Appearance:

Powder, color ranging from white to yellow with tan to green cast.

Stability:

Expiration is Lot specific. If stored at 2 to 8°C, see Certificate of Analysis.

Preparation and Use:

When dissolved, solution will range from clear, slightly hazy faint yellow to yellow-green.

Viral Testing	
Bluetongue Virus	Negative
Vesicular Stomatitis Virus	Negative
Physical Testing	
pH @ RT, 10% Solution	6.7-7.3
Ash	<2%
Biochemical Testing	
Purity	≥98%
Storage	2 to 8°C
Form	Powder
Expiration	Lot specific, See Certificate of Analysis
Handling	Avoid inhalation, contact with clothing, skin, and eyes. Avoid repeated or prolonged exposure.

For Cell Culture, further Manufacturing and Research use only. Not for direct Therapeutic use.