

## BSA Cohn Analogue™ Culture Grade Powder

Bovine Serum Albumin (BSA) is a high purity, lyophilised Fraction V powder derived from the plasma of USDA-inspected healthy animals from slaughterhouses located in the USA. The albumin is isolated from other plasma protein products and lipids by a unique non-solvent procedure. The separation process includes a modified Cohn/heat shock procedure designed to inactivate proteases and other potentially interfering enzymes. Further processing such as extensive membrane dialysis and filtration (including charcoal filtration) minimises analytes including non-esterified fatty acids that can cause background interference in sensitive *in vitro* diagnostic (IVD) assays as well as inhibition in sensitive cell and microbial culture systems. This product is a high performance, growth enhancing preparation ideal for microbial culture and reproductive biology applications.

### Applications

- Growth of fastidious microorganisms, such as *leptospira* and *B. bergdorferi*
- Preserving and extending reproductive cell viability

### Physical Characteristics

Analysis	Specification	Typical values
Protein (dry basis)	> 96%	99%
Solubility (4% water)	Clear/slightly hazy	Clear/slightly hazy
pH (10% water)	6.5 – 7.5	6.8 - 7.2
Purity (albumin)	>98%	100%
Moisture	<5%	<2%
Ash	<2%	<2%
Endotoxin	Result	<0.1 EU/mg
Aerobic plate count	<1000 cfu/g	<1000 cfu/g

### Benefits

- High purity. Low interference, low background
- Virtually no protease activity thereby ensuring assay integrity
- Fully traceable
- Closed loop manufacturing
- Superior solubility

- Manufactured from MPI inspected bovine plasma
- Manufactured according to FDA cGMP guidelines
- Validated for Prion/TSE clearance
- Health certification

## Product Information

Product Code	Product Description	Pack Size
BSA-68300-10g	BSA Cohn Analogue™ Culture Grade powder – US origin	10g
BSA-68300-25g	BSA Cohn Analogue™ Culture Grade powder – US origin	25g
BSA-68300-50g	BSA Cohn Analogue™ Culture Grade powder – US origin	50g
BSA-68300-100g	BSA Cohn Analogue™ Culture Grade powder – US origin	100g
BSA-68300-250g	BSA Cohn Analogue™ Culture Grade powder – US origin	250g
BSA-68300-500g	BSA Cohn Analogue™ Culture Grade powder – US origin	500g
BSA-68300-1kg	BSA Cohn Analogue™ Culture Grade powder – US origin	1kg
BSA-68300-10kg	BSA Cohn Analogue™ Culture Grade powder – US origin	10kg

## Storage and shelf life

Product should be stored in a cool, dry environment for up to three years. The product is stable for up to 5 years, following requalification.

## Additional Information

CAS number: 9048-46-8

## Support

Life Science Production is a division of Life Science Group Ltd.  
Life Science Production is [ISIA Traceability Certified](#)  
Life Science Group Ltd is an ISO 9001:2015 Certified company

To learn more, contact us:

Telephone: +44 (0) 1234 889180

Email: [sales@lifesciencegroup.co.uk](mailto:sales@lifesciencegroup.co.uk)

Website: [www.lifescienceproduction.co.uk](http://www.lifescienceproduction.co.uk)

Address: PO Box 1519, Bedford, United Kingdom

