



www.equitech-bio.com | sales@equitech-bio.com

TECHNICAL DATA SHEET

Revision Date: July 21, 2014

Next Review Date: July 21, 2016

BOVINE SERUM ALBUMIN PROTEASE FREE

METHOD OF PURIFICATION:

By a proprietary heat shock method.

ADVANTAGES:

Equitech Bio's Protease Free Powder has a non-detectable level of residue protease activity by our test methods. Other enzyme activities are very low in this process.

USES: Excellent in RIA and ELISA and as a diluent or blocking agent. Protease free BSA is for cell culture production of proteins sensitive to protease activity. The product has no detectable protease activity.

SPECIFICATIONS:

Appearance:	Powder
Color:	Off white
Moisture:	≤ 5%
Ash:	≤ 2%
pH:	6.8 to 7.2
Heavy Metals:	≤ 10 ppm
Albumin:	≥ 98%
Solubility (A 550nm):	≤ 0.15
Color (A 404nm):	≤ 0.15
Protein:	≥ 96%
IgG:	not detected

CATALOG NUMBER

SIZE

BAH65-0050	50gm
BAH65-0100	100gm
BAH65-0500	500gm
BAH65-1000	1Kg
BAH65-10000	10Kg

STABILITY AND STORAGE: This BSA is stable for ≥ 5 years when stored at + 5° C +/- 3° C in sealed dry containers. Store lyophilized powder refrigerated at 5°C ± 3°C in sealed containers. Store reconstituted material frozen at -20°C ± 5°C. Avoid repeated freezing and thawing. The raw material for this product was collected from animals in the USA in establishments registered with the USDA. The animals received ante and post-mortem inspections under a veterinarian's supervision and were apparently free from infectious and contagious diseases. At no time during collection or processing was the material commingled with any other material of animal origin. During processing this material was subjected to a pH of ≤ 5 and ≥ 65°C for at least 3 hours.



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This product is sold for use in IVD, research, further manufacturing, or technical purposes only, and is not intended for direct use in diagnostic or therapeutic applications.