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TECHNICAL DATA SHEET

TDS-BAH64 Revision 000 Effective Date: August 1, 2018

BOVINE SERUM ALBUMIN REAGENT GRADE POWDER

METHOD OF PURIFICATION: Purified by our proprietary heat shock process.

<u>USES:</u> It is excellent as a nutrient in tissue culture or as a reagent protein standard.

Form: Powder Color: Off white Moisture: ≤ 5% Ash: ≤ 2% Product pH (4% solution in DI H₂O): 6.8 - 7.2**Heavy Metals (lead):** ≤ 0.1 ppm Albumin (electrophoresis): ≥ 98% Solubility (A₅₅₀): ≤ 0.20 **Protein Concentration:** ≥ 96% **Bovine IgG:** not detected

 CATALOG NUMBER
 SIZE

 BAH64-0050
 50gm

 BAH64-0100
 100gm

 BAH64-0500
 500gm

 BAH64-1000
 1Kg

 BAH64-10,000
 10Kg

SCREENING AND STORAGE: This BSA is stable for ≥ 5 years when stored at $\pm 5^{\circ}$ C +/- $\pm 3^{\circ}$ C in sealed dry containers. Store lyophilized powder refrigerated at $\pm 5^{\circ}$ C $\pm 3^{\circ}$ C in sealed containers. Store reconstituted material frozen at -20°C $\pm 5^{\circ}$ C. Avoid repeated freezing and thawing. Lyophilized powder is shown to be stable at ambient temperature for short term storage or shipping.

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. All raw materials are screened to confirm negative for Blue Tongue Virus and Vesicular Stomatitis Virus. During processing this material was subjected to a pH of \leq 5 for at least 3 hours. 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.