

Product Data Sheet

Adult Bovine Serum, Sterile, Filtered, South America, Gamma Irradiated
Product No. GB-ABS-500B, GB-ABS-100B

Product Description

Adult Bovine Serum is obtained from animals which are older than 12 months and contains more immunoglobulin's than Fetal Bovine Serum and has increased protein content. Adult Bovine Serum is a cost effective alternative to Fetal Bovine Serum.

Gamma Irradiation

Goslar Biotech has established process parameters and controls for maximum inactivation of contaminants by an innovative gamma irradiation process in small sized boxes at 25 – 35 kGy. When bottles are arranged in a pallet during gamma irradiation, high irradiation doses (58 kGy) are necessary to irradiate the centrally located bottles with the required doses (>30 kGy). This and the associated higher temperatures may affect the serum quality. If the irradiation is performed in single boxes, the maximum dose of irradiation does not exceed 38.7 kGy. Gentle irradiation as used by Capricorn Scientific is less likely to affect final serum quality.

Product Specifications

pH	7.0 – 8.0
Osmolality	240 – 340 mOsm/kg
Endotoxin	As reported
Total Protein	5.0 – 8.5 g/dl
Albumin	As reported
Hemoglobin	As reported
Mycoplasma	Not detected
Virus tested for	PI-3, BVDV, BVDV-AB, BHV-I
Sterility	Tested
Storage	Store at $\leq -20^{\circ}\text{C}$

Precautions and Disclaimer

This product is for research use only.