

Product Data Sheet

Bovine Serum Albumin - Fatty Acid Free, U.S. origin

Order No.	BSA-xxxxFF	BSA-0010FF (10 g) BSA-0100FF (100 g) BSA-1000FF (1000 g)
Product description	BSA-xxxxFF is an off-white, 98 % minimum, lyophilized BSA powder adjusted to pH 7.0 processed to be essentially free of protease and fatty acids. Used for immunodiagnostic assays such as RIA and ELISA.	
Product features	<ul style="list-style-type: none"> • Highly purified product absent of protease and non-esterified fatty acids • Highly soluble, crystalline powder that forms clear, particle-free solutions with water • Complete traceability of raw materials and finished product • Manufactured under cGMP in a USDA-site registered facility • Incoming feed stock only collected from U.S.-origin healthy animals that undergo extensive ante- and post-mortem inspections according to strict USDA requirements • Available for export under EU Regulation (EC) No 1069/2009 and Regulation (EU) No 142/2011 	
Storage	2 – 25 °C for up to 3 years	

For research or manufacturing use only. Not for use in diagnostic procedures.

Analysis:

	Specification	Typical
Protein purity	Min. 98 %	100 %
Presence of protease	None detected	None detected
Presence of fatty acids	Max. 0.05 %	0.02 %
Loss on drying	Max. 5 %	0.7 %
pH (10 % solution)	6.7 – 7.3	7.0
Conductivity (10 % solution)	Max. 3000 µS	1050 µS
Sodium content (10 % solution)	Max. 50 mEq/L	21 mEq/L
Chloride content (10 % solution)	Max. 50 mEq/L	1 mEq/L
Presence of IgG	Below detectable limits	Below detectable limits
Microbial content	Max. 3 CFU/mL	0 CFU/mL
Virus testing		
a) <i>Vesicular stomatitis</i>	Negative	Negative
b) <i>Bluetongue</i>	Negative	Negative

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