

BOVINE SERUM ALBUMIN PREMIUM, COHN'S FRACTION V

Catalogue no.: 800-195-**

MSDS: Available upon request

Lot no.: 800195016

Shipping: Ambient

Exp.Date: 11/2023

Storage: Store refrigerate at 2 to 8°C in a well-sealed container.

TEST	SPECIFICATION	UNITS	RESULTS
Moisture	<5	%	3.0
Purity (Agarose Electrophoresis)	≥ 98	%	100.0
Protein (Kjeldahl)	≥ 96	%	100.5
pH (6 % solution)	6.5-7.2		6.9
ASH (Gavimetric)	≤ 3	%	0.9
Solubility (6 % Solution of water)	Soluble		Soluble
Endotoxin (Kinetic-Turbidimetric)	<2.0	Eu/mg	< 0.5
Fatty Acid (Gas Chromatography)	< 0.05	%	0.03
Immunoglobulin (ELISA)	< 0.05	%	< 0.005
Microbial Content (Colonies Count)	< 100	CFU/g	< 100
Protease (Spectrophotometer)	None Detect		None Detect
Mycoplasma (Direct Culture)	Negative		Negative
BVD (9 CFR)	Negative		Negative
IBR (9 CFR)	Negative		Negative
PI3 (9 CFR)	Negative		Negative

Solubility: Albumins are readily soluble in water and can only be precipitated by high concentrations of neutrals salts such as ammonium sulfate. The solution stability of BSA is very good (especially if the solutions are stored as frozen aliquots). Albumins are frequently used as stabilizers for other solubilized proteins. However, albumin is readily coagulated by heat (50°C or above). It forms aggregates which do not revert.