



Bovine Serum Albumin Lyophilized Powders

Advantages

- Available as liquid or lyophilized powder.
- Large lot sizes >200kg and convenient fill sizes from 5gm to 10kg.
- Viral inactivation steps incorporated into production process.
- Full product line, products for use as a general blocking reagent in ELISA and as a protein stabilizer and nutrient supplement for cell culture and microbial systems.

Product Overview

<i>Specification</i>	<i>Test Method</i>	BSA-BAF Ultra-low IgG. IgG depleted by chromatographic purification.	BSA-BBM Manufacturing grade. Protease free, very low endotoxin & IgG.	BSA-BLP Fatty Acid Poor. Very low endotoxin.	BSA-BBR Research grade. Low endotoxin.	BSA-BBD Diagnostic Grade. Protease free for diagnostic uses.	BSA-BSH Standard heat shock. For research and technical uses.
Appearance	<i>Visual</i>	Off White to Light Brown Crystal Powder	Off White to Light Brown Crystal Powder	Off White to Light Brown Crystal Powder	Off White to Light Brown Crystal Powder	Off White to Light Brown Crystal Powder	Off White to Light Brown Crystal Powder
Calcium	<i>Chemistry Analyzer</i>	≤ 7.5 mg/dL	≤ 7.5 mg/dL	≤ 7.5 mg/dL	≤ 7.5 mg/dL	≤ 7.5 mg/dL	≤ 7.5 mg/dL
Chloride	<i>Chemistry Analyzer</i>	As Reported	As Reported	As Reported	As Reported	As Reported	As Reported
Endotoxin	<i>by LAL</i>	≤ 10.0 EU/mg	≤ 2.0 EU/mg	-	-	-	-
Heavy metals	<i>by USP</i>	≤ 20 ppm	≤ 20 ppm	-	-	≤ 20 ppm	-
IgG	<i>By ELISA</i>	≤ 10 ug/g	≤ 50 ug/g	-	-	-	-
IgG	<i>By Radialimmunodiffusion</i>	-	-	Not Detected	Not Detected	Not Detected	-
Microbial	<i>Plate Count</i>	≤ 100 CFU/g	≤ 100 CFU/g	≤ 100 CFU/g	≤ 100 CFU/g	≤ 100 CFU/g	-
Moisture	<i>by Karl Fischer</i>	≤ 5%	≤ 5%	≤ 5%	≤ 5%	≤ 5%	As Reported
pH (1% solution)	<i>pH Meter</i>	As Reported	As Reported	As Reported	As Reported	As Reported	As Reported
Potassium	<i>Chemistry Analyzer</i>	< 1.0 mEq/L	< 1.0 mEq/L	< 1.0 mEq/L	< 1.0 mEq/L	As Reported	As Reported
Protease	<i>by Casein hydrolysis</i>	-	Not Detected	-	-	Not Detected	-
Purity	<i>by Electrophoresis</i>	≥ 96.0%	≥ 96.0%	≥ 96.0%	≥ 96.0%	≥ 96.0%	≥ 96.0%
Sodium	<i>Chemistry Analyzer</i>	≤ 50 mEq/L	≤ 50 mEq/L	≤ 50 mEq/L	As Reported	As Reported	As Reported
Total Lipids	<i>Gas Chromatography FAME</i>	≤ 2.0 mg/g	≤ 2.0 mg/g	≤ 2.0 mg/g	-	≤ 3.5 mg/g	-
Total Protein	<i>Chemistry Analyzer</i>	As Reported	As Reported	As Reported	As Reported	As Reported	As Reported
Mycoplasma	<i>PCR</i>	By Request	By Request	By Request	By Request	By Request	-
Bluetongue	<i>PCR</i>	By Request	By Request	By Request	By Request	By Request	-
Vesicular Stomatitis	<i>PCR</i>	By Request	By Request	By Request	By Request	By Request	-
Mycoplasma	<i>by Culture Assay</i>	By Request	By Request	By Request	-	-	-
Viral Agents	<i>by 9CFR 113</i>	By Request	By Request	By Request	-	-	-

To Place an Order, go to www.RMBIO.com, or Contact Your Sales Representative! Toll-free office line: 1-866-733-9859