



BOVINE ALBUMIN FRACTION V, VERY LOW ENDOTOXIN

Description

Bovine Albumin, Fr V, Very Low Endotoxin is manufactured by a proprietary heat-shock fractionation process, using caprylic acid as an albumin stabilizer. It is solvent treated. The manufacturing process includes steps to ensure low endotoxin levels. The final product is an off-white lyophilized powder. Bovine albumin molecular weight is app. 66,000.

Catalog Number

81-068

Pack Sizes Available

100g, 1kg, 5kg, 10g

Features

- Especially designed for serum-free culture media.
- Highest purity, lowest endotoxin formulation commercially available.
- Contains no detectable IgG.
- Available in large lots with guaranteed uniformity.
- Each lot tested and certified none detected for bovine viruses (9 CFR 113) and mycoplasma.
- The product is produced in an FDA-registered, GMP facility from BSE-free, U.S. sourced bovine serum.

Applications

- As an important nutritional supplement in serum-free media.
- As an important transport protein for the delivery of cofactor metals, fatty acids, etc.
- Growth medium supplement for hybridomas and the production of monoclonal antibodies.

Source

Adult Bovine Serum

Form

A low salt, freeze-dried, off-white powder

Shipping

Ambient

Storage -10°C and colder

Stability

Recontrol after 36 months.

Purification

Heat treatment in excess of 50°C

Adjusted < pH 5.5

Organic solvent treated

0.2µ filtered

Usage

This material is offered by Serologicals for research, laboratory or further manufacturing purposes only. Not for human use.

Serologicals® Corporation

5655 Spalding Drive
Norcross, GA 30092

North America

P 800.431.4505
F 800.468.7436

All Others

P 678.728.2246
F 678.728.2247

World Wide Web

www.serologicals.com

Email

customerservices@serologicals.com



Specifications

Assay	Specification	Typical Value
Protein (Protein Factor 6.22) By Nitrogen Analyzer, Anhydrous	96 - 100%	99%
Purity (Albumin, 7% Solution) By Cellulose Acetate Electrophoresis	98 – 100%	100%
pH (7% Solution)	6.8 – 7.2	7.1
Sodium By Flame Photometer	0-10.0 mg/g	4.1 mg/g
Chloride By Coulometric Titrator	0 – 12.0 mg/g	1.9 mg/g
IgG By Radialimmunodiffusion	None detected	None detected
Endotoxin By Limulus Amebocyte Lysate	0 – 2.0 EU/mg	0.3 EU/mg
Moisture (when packaged) By Karl Fischer	0 - 5.0%	< 5.0%
Date of Manufacture		Provided

Serologicals® Corporation

5655 Spalding Drive
Norcross, GA 30092

North America

P 800.431.4505
F 800.468.7436

All Others

P 678.728.2246
F 678.728.2247

World Wide Web

www.serologicals.com

Email

customerservices@serologicals.com