



Certificate of Analysis

Bovine Serum Albumin—IgG Free, Lyophilized Powder

Product Number: RMB-002-102

Lot Number: 20120728A

Date of Manufacture: 7/2012

Expiration Date: 7/2017

Storage temperature: 2 – 8°C

For manufacturing or laboratory use only – not for human or animal consumption

Basis for Release

Test / Method <i>Tests performed in 4% solution unless otherwise noted</i>	Result
Origin	GBR1
Appearance	Light powder
Purity	98.0%
pH	7.5
Total Protein	3.6 g/dL
Calcium	<3.00 mg/dL
Chloride	<10 mmol/L
Potassium	<1.0 mmol/L
Sodium	22.0 mmol/L
Endotoxin(1% solution)	<5.00 EU/mL
Immunoglobulin G	<0.1 ppm
Filtration	Solution sterile filtered through 0.2µm prior to lyophilization

QA Approval		
Print Name: <i>Christy Sims</i>	Sign Name: <i>CSims</i>	Date: <i>03 Aug 12</i>

Bovine albumin is derived from bovine serum; processed from blood collected from healthy animals, sourced from GBR-1 rated countries.