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## Product Specification

Product Name:  
Bovine Serum Albumin – lyophilized powder, BioReagent, suitable for cell culture

**Product Number:** A9418  
**CAS Number:** 9048-46-8  
**MDL:** MFCD00130384

**Formula Weight:** 66,000 g/mol  
**Storage Temperature:** 2 - 8 °C

TEST	Specification
Appearance (Color)	White to Light Brown
Appearance (Form)	Powder
Solubility (Color)	Faint Green-Yellow to Green-Yellow to Yellow
Solubility (Turbidity)	Clear to Hazy
40 mg/mL, H <sub>2</sub> O	
Loss on Drying	≤ 5 %
Nitrogen	14.5 - 16.5 %
pH	5.0 - 5.6
(c = 1% in H <sub>2</sub> O)	
UV/VIS Absorbance	≤ 0.5
at 406 nm (4% w/v)	
Identity	Bovine Origin
Agarose Electrophoresis	≥ 96 %
% Albumin	
Cell Culture Test	Pass
VSV and BT Virus	None Detected
Inactivation	Pass
pH not more than 5.0 for at least 2 hours	
Recommended Retest Period	-----
5 years	

Specification: PRD.6.ZQ5.10000021440

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at [Sigma-Aldrich.com](http://Sigma-Aldrich.com). For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.

