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## Product Specification

Product Name:

Bovine Serum Albumin - heat shock fraction, protease free, essentially globulin free, pH 7, ≥98%

**Product Number:** A3059  
**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 Yellow to Light Brown
Appearance (Form)	Powder
Solubility (Color)	Very Faint Green-Yellow to Green-Yellow to Yellow
Solubility (Turbidity)	Clear to Slightly Hazy
40 mg/mL, H <sub>2</sub> O	
Identity	Bovine Origin
Agarose Electrophoresis	≥ 98 %
Nitrogen	14.5 - 16.5 %
pH	6.5 - 7.5
1% in 0.15 M NaCl	
Loss on Drying	≤ 5 %
VSV and BT Virus	None Detected
Purification Method	Conforms
Heat Shock Fractionation	
Inactivation Process	Conforms
pH not more than 5.0 for at least 2 hours; temperature not less than 65 deg C for at least 3 hours	
Protease by FITC	None Detected
Recommended Retest Period	-----
5 years	

Specification: PRD.6.ZQ5.10000025549

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.