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## Product Specification

Product Name:  
Bovine Serum Albumin - heat shock fraction, pH 5.2, ≥96%

Product Number: **A3912**  
CAS Number: 9048-46-8  
MDL: MFCD00130384

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

TEST	Specification
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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 Hazy
40 mg/ml, H <sub>2</sub> O	
Agarose Electrophoresis	≥ 96 %
Water (by Karl Fischer)	≤ 5 %
pH	5.0 - 5.6
1% solution in H <sub>2</sub> O	
Nitrogen	14.5 - 16.5 %
VSV and BT Virus	None Detected
Inactivation	Pass
pH not more than 5.0 for at least 2 hours; temperature not less than 65 deg C for at least 3 hours.	
Purification Method	Heat Shock Fractionated
Recommended Retest Period	-----
5 years	

Specification: PRD.8.ZQ5.10000009266

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.

