

3050 Spruce Street, Saint Louis, MO 63103, USA

Website: [www.sigmaldrich.com](http://www.sigmaldrich.com)Email USA: [techserv@sial.com](mailto:techserv@sial.com)Outside USA: [eurtechserv@sial.com](mailto:eurtechserv@sial.com)

## Product Specification

Product Name:  
Bovine Serum Albumin – heat shock fraction, low endotoxin, pH 7, ≥98%

**Product Number:** A9430  
**CAS Number:** 9048-46-8  
**MDL:** MFCD00130384

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) 40 mg/mL H <sub>2</sub> O	Clear to Slightly Hazy
Loss on Drying	≤ 5 %
Nitrogen	14.5 - 16.5 %
Identity	Bovine Origin
pH (1% Solution in 0.15M NaCl)	6.5 - 7.5
VSV and BT Virus	None Detected
Inactivation pH not more than 5.0 for at least 2 hours; temperature not less than 65 deg C for at least 3 hours	Conforms
Purification Method	Heat Shock Fractionated
Agarose Electrophoresis	≥ 98 %
Endotoxin Level	≤ 1.0 EU/mg
Recommended Retest Period 5 years	-----

Specification: PRD.4.ZQ5.10000027187

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.