

# Product Specification

**Product Name :**

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

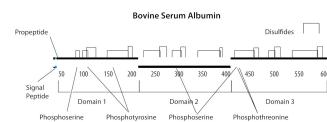
**Product Number:** A7030

**CAS Number:** 9048-46-8

**MDL Number :** MFCD00130384

**Storage Temperature :** +2°C to +8°C

**Formula Weight:** 66,000 g/mol


**Test**

Appearance (Color)

**Specification**

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

Agarose Electrophoresis

≥ 98%

Free Fatty Acid  
by Enzymatic

≤ 0.02%

Sulfated Ash

≤ 3%

Loss on Drying

≤ 5%

Nitrogen

14.5 - 16.5 %

Identity

Bovine Origin

% Protein

≥ 95

(Nitrogen Analysis, Anhydrous)

VSV and BT Virus

None Detected

Inactivation

Conforms

Temperature not less than 65 deg C for at least 3 hours

Purification Method

Heat Shock Fractionated

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. 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.

Version Number: PRP.03.ZQ5.1206583

Page 1 of 2

The branding on the header and/or footer of this document may temporarily not visually match the product purchased as we transition our branding. However, all of the information in the document regarding the product remains unchanged and matches the product ordered. For further information please contact [mlsbranding@sial.com](mailto:mlsbranding@sial.com)



Product Name: 白蛋白 来源于牛血清

Product Number: A7030-BULK

Test	Specification
Protease units/mg	≤ 0.005
BVDV Bovine virus diarrhea virus in accordance with 9 CFR113	None Detected
Recommended Retest Period 5 years	-----
pH (1% Solution in 0.15M NaCl)	6.5 - 7.5

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. 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.

Version Number:PRP.03.ZQ5.1206583

Page 2 of 2

The branding on the header and/or footer of this document may temporarily not visually match the product purchased as we transition our branding. However, all of the information in the document regarding the product remains unchanged and matches the product ordered. For further information please contact [mlsbranding@sial.com](mailto:mlsbranding@sial.com)

