

3050 Spruce Street, Saint Louis, MO 63103, USA

Website: www.sigmaaldrich.com

Email USA: techserv@sial.com

Outside USA: eurtechserv@sial.com

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:

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, H₂O

Loss on Drying

≤ 5 %

Nitrogen

14.5 - 16.5 %

Identity

Bovine Origin

pH

6.5 - 7.5

(1% Solution in 0.15M NaCl)

% Protein

≥ 95

(Nitrogen Analysis, Anhydrous)

VSV and BT Virus

None Detected

Inactivation

Conforms

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

Protease

≤ 0.005

units/mg

Agarose Electrophoresis

≥ 98 %

Free Fatty Acid

≤ 0.02 %

by Enzymatic

Sulfated Ash

≤ 3 %

Recommended Retest Period

5 years

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.

3050 Spruce Street, Saint Louis, MO 63103, USA

Website: www.sigmaaldrich.comEmail USA: techserv@sial.comOutside USA: eurtechserv@sial.com

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:

MFCD00130384

Formula Weight:

66,000 g/mol

Storage Temperature:

2 - 8 °C

TEST

Specification

Specification: PRD.6.ZQ5.10000026693

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.