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Product Specification

Product Name:

Bovine Serum Albumin - heat shock fraction, protease free, suitable for hybridization, pH 7, ≥98%

Product Number: B4287
CAS Number: 9048-46-8
MDL: MFCD00130384

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 Slightly Hazy
40 mg/mL in H ₂ O	
Protease by FITC-Casein	None Detected
Suitability	Suitable
Suitable for blocking non-specific protein binding sites in hybridizations.	
VSV and BT Virus	None Detected
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	
Purification Method	Conforms
Heat Shock Fractionation	
Nitrogen	14.5 - 16.5 %
Agarose Electrophoresis	≥ 98 %
Loss on Drying	≤ 5 %
pH	6.5 - 7.5
1% Solution in 0.15M NaCl	

Specification: PRD.5.ZQ5.10000011790

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.