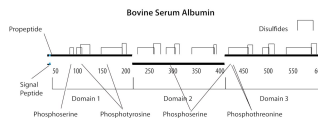


Certificate of Analysis

Product Name : Bovine Serum Albumin heat shock fraction, pH 5.2, ≥96%
Product Number : A3912-100G
Batch Number : 0000315746
Source Batch : 0000282847
CAS Number : 9048-46-8
Storage Temperature : +2°C to +8°C
Formula Weight : 66,000 g/mol
Recommended Retest Date : Nov 2028
Quality Release Date : 22 Nov 2023



Test	Specification	Result
Appearance (Color)	White to Light Yellow to Light Brown	Faint Beige
Appearance (Form)	Powder	Powder
Solubility (Color)	Very Faint Green-Yellow to Green-Yellow to Yellow	Very Light Yellow
Solubility (Turbidity) 40 mg/ml, H ₂ O	Clear to Hazy	Very Slightly Hazy
Agarose Electrophoresis	≥ 96 %	100 %
Water (by Karl Fischer)	≤ 5 %	2 %
Nitrogen	14.5 - 16.5 %	15.8 %
pH 1% solution in H ₂ O	5.0 - 5.6	5.3
VSV and BT Virus	None Detected	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.	Pass	Pass
Purification Method	Heat Shock Fractionated	Heat Shock Fractionated
Chapter 4(D) - Heat Product meets European Union requirements for treated technical blood products. Form of treatment heat treated at 65 deg C for 3 hours.	-----	-----

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. Purchase must determine the suitability of the product for its particular use. See reverse side of website or packing slip for additional terms and conditions of sale



Product A3912-100G
Batch 0000315746

J. Yasomanee

Jagodige Yasomanee, Supervisor
Quality Assurance
St. Louis, Missouri
US

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