



DATE: 22 June 2021

Product Identifier

SRM Number: 927f

SRM Name: Bovine Serum Albumin (7 % Solution)
(Total Protein Standard)

Under the U.S. Department of Labor, Occupational Safety and Health Administration (OSHA) 29 CFR 1910.1200, this Standard Reference Material (SRM) is NOT classified as a physical hazard or a health hazard, a simple asphyxiant, combustible dust, pyrophoric gas, or hazard not otherwise classified. There are no hazard pictograms, hazard statements or signal word associated with it. Safety Data Sheet information is not required. This document may be used in conjunction with your hazard communication program.

Exemption: 1910.1200(b)(6)(xii). This SRM is a biological material and should be considered a potential biological hazard.

Description: This Standard Reference Material (SRM) is intended primarily for use in the standardization of procedures employed in clinical analyses for total serum protein, for critical evaluation of daily working standards used in these procedures, and as a reference standard for assays of total protein by colorimetric methods. This SRM is a solution (mass fraction approximately 7 %) of known protein concentration and purity. A unit of SRM 927f consists of 10 ampoules, each containing approximately 2.2 mL of solution.

Additional Notes for Biomaterials: SRM 927f IS INTENDED FOR RESEARCH USE. The blood used in the preparation of SRM 927f Bovine Serum Albumin (7 % Solution) was collected from cattle sourced in the United States. Only blood from cattle/carcasses that have passed ante-mortem and post-mortem U.S. Department of Agriculture (USDA) Food Safety Inspection Service (FSIS) inspection was used. This material has not come from cattle that have been in a herd in which a case of Bovine Spongiform Encephalopathy (BSE) has appeared, and the product does not contain, and is not derived from, specified risk material as defined in Commission Decision 97/534/EC. No bovine blood was used from tuberculosis and/or brucellosis reactors. No bovine blood was used from animals subject to emergency slaughter or identified as U.S. Suspect. There were no additives to the pooled serum prior to protein purification.

Disposal: SRM 927f components and derived solutions should be disposed of in accordance with local, state, and federal regulations.

Transport Information: This material is not regulated by the U.S. Department of Transportation (DOT) and/or International Air Transport Association (IATA).

Disclaimer: The NIST information in this document is specific to the NIST product and is believed to be correct, based upon our current knowledge. This document may not necessarily be all inclusive and should be used only as a guide. NIST does not guarantee the accuracy or completeness of this information. The only official source for specific values and uncertainties is the certificate or report.

Users of this SRM should ensure that this document and the corresponding Certificate of Analysis in their possession are current. This can be accomplished by contacting the SRM Program: telephone (301) 975-2200; e-mail srmmsds@nist.gov; or via the Internet at <https://www.nist.gov/srm>.