

DISCONTINUED - Bovine Serum Albumin (7%, solution) - replaced by NIST-927f

Art. ID	NIST-927e
Unit	10 x 2,2 mL
Deliverydetails	No Dangerous Good /not restricted

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 7 %) of known protein concentration and purity. The protein content of this SRM was determined using the biuret reference method [1] that is recommended for use in standardizing laboratory-prepared protein solutions and ?normal? serum pools. Such standardized ?normal? sera could then be used to calibrate refractometers or other instruments for serum protein estimations. NIST-927e may also be used for other procedures, such as gel diffusion, amino acid analysis, electrophoresis, nitrogen assays, or other tests that require well-characterized protein for calibration or evaluation. A unit of NIST-927e consists of 10 ampoules, each containing approximately 2.2 mL of solution. /// Sample value(s) - please ask for current certificate.

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
Certified Bovine Serum			67.38 ± 1.38	g/L		
Albumin Concentration b						
y Amino Acid Analysis						
Reference Bovine Serum			69.58 ± 1.30	g/L		
Albumin Concentration b						
y the Biuret Method						