



SPECIFICATION

Product : Bovine Serum, sterile filtered,
 heat-inactivated **Page** : 1 / 1

Product no. : 0412005100 1000 mL **Version** : 3
 -050 500 mL **valid from** : 03/11

Synonym : Bovine Serum, sterile, heat-inactivated

Origin : Germany

Tests	Methods	Specification
Sterility	acc. to USP < 71 >	sterile
BSE-quick-test	Testkit from Biorad	negative (only animals older than 24 month are used for the serum production)
Total protein	Biuret (method 5) 2.5.33	7,0 – 9,0 g/dL
Bacterial endotoxins	LAL-test (method D) 2.6.14	≤1 ng/mL
Osmolality	freezing point reduction 2.2.35	270 – 340 mOsm/KgH ₂ O
Glucose	Blood glucose meter (electrochemical)	50 - 150 mg/dL
Hemoglobin	acc. to Flemming, F. & Woolf, J. Clin. Chim. Acta, 12 (1965) 67-74	≤50 mg/dL
pH	potentiometr. method 2.2.3	7,0 – 8,5
Heat-inactivation	water bath or special device	56°C±1° over 30 min
cut-off of the sterile filter	certificate of manufacturer	0.2µm

Primary packing : sterile Nalge-PETG-bottles

Storage : ≤ -20°C

Durability : 2 years