

**SPECIFICATION**

**Product** : Bovine Serum, sterile filtered **Page** : 1 / 1  
**Product no.** : 0412002100 1000 mL **Version** : 3  
                   -050 500 mL **valid from** : 03/11  
                   -300 3000 mL  
**Synonym** : Bovine Serume, sterile  
**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 serum production)
Total protein	Biuret ( method 5 ) 2.5.33	7,0 – 9,0g/dL
Bacterial endotoxins	LAL-test ( method D ) 2.6.14	≤1 ng/mL
Osmolality	freezing point reduction 2.2.35	270 – 340 mOsm/KgH <sub>2</sub> 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
cut-off of the sterile filter	certificate of manufacturer	0.2µm

<b>Primary packing</b>	: sterile Nalge-PETG-bottles, resp. 3000 mL PE-canisters
<b>Storage</b>	: ≤ -20°C
<b>Durability</b>	: 3 years