KRAEBER & CO GMBH
PHARMAZEUTISCHE ROHSTOFFE

SPECIFICATION

Product : **Bovine Serum, 0,1µm sterile filtered** **Page** : **1 / 1**

Product no. : **0412003100 1000 mL** **Version** : **2**

-050 500 mL **valid from** : **02/06**

Synonym : **Bovine Serum, 0,1µm, sterile**

Origin : **Germany**

Tests	Methods	Specification
Sterility	acc. to USP < 71 >	sterile
Mycoplasmas	DAPI: DNA-coloration 2.6.7	negative
BVDV-nAK PI-3-nAK BHV-1-nAK	Virus-neutralisation-test under evaluation of the zytopathic effect resp. the use of Peroxidase-linked antibodies	Titer
Virus (BVD,PI-3,BHV-1)	Virus growth in cell culture and Immune-Peroxidase-technique: Serum-neutralisation-test	negative
Plating efficiency	Mouse fibroblasts in DMEM with 20% serum	relative and absolute PE in %
Cell growth	L929: Mouse fibroblasts in DMEM with 10% serum	Seeding 1 x 10^4 cells
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_2O
Glucose	Indicator stick „Accutrend“ Roche Diagnostics GmbH	30 – 80 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	0,1µm

Primary packing : **sterile Nalge-PETG-bottles**

Storage : **≤ -20°C**

Durability : **3 years**

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