



## TECHNICAL DATASHEET

### - General informations

Product	: Goat Serum, sterile filtered 0,2 $\mu$ m, toxoplasmosis negative
Code n°	: 0.5.SNGS (500 mL bottle) ; 1.SNGS (1 litre bottles) 5.SNGS (5 litres jug)
Batch sizes	: from 50 to 2000 liters
Filling sizes	: 500 ml bottle, 1 litre bottle, 5 litres jug,
Origin	: Italy
Shelf life	: 5 years from date of production if the product is stored at proper temperature and without any cycle of freeze and thaw
Storage Temperature	: - 10 °C to -20 °C

Use: Further manufacturing in bio-pharmaceutical field. Not for human or animal consumption.

In order to guarantee the toxoplasmosis negative status of the serum each batch is tested for toxoplasma gondii antibodies presence by means of an ELISA test.

Stability and storage: The product must be stored in a temperature range within -5 °C and -20 °C. If stored at this temperature range the serum is stable for five years from the date of production. It is recommended to not make more than one cycle of freeze and thaw, but to make various aliquots.

Turbid material or flocculation can be observed if the product is thawed or stored for a long time at cold temperatures, this is common concerning serum and it is not detriment of its functionality.



## - Biological and virological specifications

<b>Biological Test</b>		
<b>Test</b>	<b>Specifications</b>	<b>Results</b>
Sterility, absence of Bacteria Fungi and Yeast <i>2.6.1 Eur. Phar.</i>	Sterile	Sterile
<b>Biochemical Tests</b>		
<b>Test</b>	<b>Specifications</b>	<b>Results</b>
Total protein <i>BCA method</i>	5,5 – 8,0 g/dL	
Hemoglobin <i>Triton/NaOH method</i>	< 40 mg/dL	
Endotoxin <i>LAL Kinetic Method</i>	< 70 EU/mL	
pH <i>pHmeter</i>	7,0 – 8,0	
Osmolality <i>Osmometer Freezing reduction point</i>	270 – 330 mOsm/KgH <sub>2</sub> O	

<b>Virological Tests</b>		
<b>Test</b>	<b>Specifications</b>	<b>Results</b>
Toxoplasma gondii antibodies – ELISA TEST	Negative	