

ECS0182L

Tetracycline Negative EU Approved FBS

Description	Tetracycline Negative EU Approved FBS
Format	500 ml
Producer	Euroclone
Code Producer	

General Features:

Fetal bovine serum is used to prepare cell cultures in vitro.

The blood is aseptically collected from bovine fetuses via cardiac puncture, is cooled and coagulated in a bath at 0 ° C. After centrifugation, the serum is filtered under temperature controlled conditions through a filter cascade of triple 100nm size filters and eventually subjected to post filtration processing.

QC:

The fetal calf serum undergoes a series of controls that are specified below:

Sterility tests, clinical-chemical analysis (the levels of endotoxin is checked by using the LAL test), immunoassays, physical analysis.

Test for Mycoplasma and viruses, immunological analysis, physical analysis .

The results of individual tests are given in the certificate of analysis and are specific to each batch of production

Biological performance is carried out to assess the ability of the fetal bovine serum to actively support the growth of different cell lines. For this purpose the serum is added to a growth medium and the effects on cell growth are compared with the behavior of a reference serum

Storage and Shelf life:

The fetal bovine serum must be stored at -20 ° C and away from light sources. Under these conditions the product is stable for 5 years from date of manufacture.

For reasearch use only

Euroclone FBS tetracycline negative is based on South America FBS origin,



These systems rely on the presence or absence of tetracycline in growth medium to either turn off or turn on gene expression. The presence of tetracycline in the serum may interfere with such systems.

The serum is tested for the presence of Chlortetracycline, Oxytetracycline and Tetracycline by a liquid chromatography electrospray ionisation tandem mass spectrometry method. The detection limit is < 0.05 mg/l.

Euroclone S.p.A.