



CERTIFICATE OF ANALYSIS

PRODUCT : Foetal Bovine Serum Sterile Filtered
ORIGIN : Australia
LOT No: FBS01022-1
PRODUCT CODES : FBS500-S; FBS500-SG; FBS50-SAMPLE
MANUFACTURED : 18/10/2022
EXPIRY : 31/10/2027

All foetal bovine serum is collected from registered export abattoirs under the supervision of Government Veterinary authorities.

China Eligible

TEST DESCRIPTION

SPECIFICATION

RESULT

| | | |
|------------------------------|------------------------------|------------------------------|
| Appearance ¹ | Clear, orange/brown solution | Clear, orange/brown solution |
| pH ² : | 6.7 - 8.0 | 7.22 |
| Osmolality ³ : | 260 – 340 mOsm/kg | 309 mOsm/kg |
| Haemoglobin ⁴ : | < 25 mg/100mL | 8.6 mg/dL |
| Total protein ⁵ : | 3.0 – 5.0 g/dL | 3.8 g/dL |
| Albumin ⁶ : | Report Results | 2.6 g/dL |
| Globulin ⁶ : | Report Results | 1.2 g/dL |
| Endotoxin ⁸ : | <3.0 EU/mL | <0.25 EU/ml |

STERILITY

| | | |
|--|----------|----------|
| Aerobic Bacteria ⁹ : | Negative | Negative |
| Anaerobic Bacteria ⁹ : | Negative | Negative |
| Fungi (Yeast and Mould) ⁹ : | Negative | Negative |
| Mycoplasma ¹⁰ : | Negative | Negative |

VIRUS ISOLATION**SPECIFICATION****RESULT**

| | | |
|--|--------------|--------------|
| Bluetongue virus ¹¹ : | Not Detected | Not Detected |
| Bovine Leukemia virus ¹¹ : | Not Detected | Not Detected |
| BVD ¹² : | Not Detected | Not Detected |
| IBR ¹³ : | Not Detected | Not Detected |
| PI-3 ¹³ : | Not Detected | Not Detected |
| Bovine Parvovirus ¹³ : | Not Detected | Not Detected |
| Cytopathic Effect ¹³ : | Not Detected | Not Detected |
| Hemadsorption ¹³ : | Not Detected | Not Detected |
| Rabies Virus ¹³ : | Not Detected | Not Detected |
| Reovirus ¹³ : | Not Detected | Not Detected |
| Bovine Respiratory Syncytial Virus ¹³ : | Not Detected | Not Detected |
| BAV1 ¹³ : | Not Detected | Not Detected |
| BAV5 ¹³ : | Not Detected | Not Detected |

REFERENCES

- 1 Visual
- 2 pH meter – digital
- 3 Freezing Point Depression
- 4 Spectrophotometer
- 5 Biuret
- 6 Gel Electrophoresis
- 7 ELISA
- 8 Kinetic – Turbidimetric
- 9 USP<71>
- 10 EP
- 11 PCR
- 12 Virus Isolation
- 13 9CFR 113.53

All serum is final filtered to 3 x 0.1µm and conforms with FDA regulations 21 CFR 211.72.

QUALITY CONTROL

SIGNED :

A handwritten signature in black ink is written over a horizontal line. The signature is cursive and appears to read 'Yadun'.