

## Certificate of Analysis

**Product: Fetal Bovine Serum**

**Expiry Date:** 05-2019

**Size:** 100 mL / 500 mL


<b>Cat #:</b> FBS-10001
<b>Lot #:</b> 140504c01

TEST DESCRIPTION	Specification	Result
Appearance	Clear, orange/brown solution Free of any particulate matter	Clear, orange/brown solution Free of any particulate matter
pH	6.7 - 8.0	7.3
Osmolality	260 – 340 mOsm/kg	315 mOsm/kg
Haemoglobin	< 25 mg/100mL	18.4 mg/100mL
Total protein	30 – 50 g/L	37 g/L
Total IgG	< 350 µg/mL	97.5 µg/mL
Endotoxin	< 30 EU/mL	1.7 EU/mL
Sterility	No microbial presence	No microbial presence
Mycoplasma	Negative	Negative
<b><u>VIRUS ISOLATION</u></b>		
BVD	Negative	Negative
IBR	Negative	Negative
PI-3	Negative	Negative
<b><u>BIOCHEMISTRY</u></b>		
Alkaline Phosphatase (ALP)	As reported	246 U/L
Aspartate Aminotransferase (AST)	As reported	61 U/L
Albumin	As reported	23 g/L
Beta Hydroxybutyrate (BHB)	As reported	0.1 mmol/L
Bicarbonate	As reported	15 mmol/L
Bilirubin (total)	As reported	3 µmol/L
Calcium	As reported	3.33 mmol/L
Chloride	As reported	103 mmol/L
Cholesterol	As reported	1.0 mmol/L
Creatinine	As reported	225 µmol/L

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Creatinine Phosphokinase (CK)	As reported	200 U/L
Gamma Glutamyltransferase (GGT)	As reported	8 U/L
Globulin	As reported	13 g/L
Glutamate Dehydrogenase (GLDH)	As reported	2 U/L
Magnesium	As reported	1.5 mmol/L
Phosphate	As reported	3.32 mmol/L
Potassium	As reported	12.8 mmol/L
Sodium	As reported	138 mmol/L
Urea	As reported	6.5 mmol/L

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QA Manager