

CERIFICATE OF ANALYSIS

Product:Charcoal

Stripped FBS

Origin:UY

Catalog:VCA-CS-0500

Lot: 2024044580

Expiry Date : 04/2029

<i>TEST</i>	<i>SPECIFICATION</i>	<i>RESULTS</i>
Visual Examination	Satisfactory	Satisfactory
Sterility	Sterile	Sterile
Mycoplasma	Not Detected	Not Detected
Bovine Resp.Syncytial Virus	Not Detected	Not Detected
Bovine Viral Diarrhea Virus	Not Detected	Not Detected
Bovine Parvovirus	Not Detected	Not Detected
Bluetongue Virus	Not Detected	Not Detected
Bovine Adenovirus	Not Detected	Not Detected
Rabies Virus	Not Detected	Not Detected
Reovirus	Not Detected	Not Detected
Infect.Bovine Rhinotracheitis	Not Detected	Not Detected
Para Influenza 3(PI3)	Not Detected	Not Detected
<u>Cell Measuring(SP2/0-Ag14)</u>		
growth curve	$> 10^6/\text{mL}$	$2.0 \times 10^6/\text{mL}$
cell doubling time	$< 20 \text{ h}$	14.1 h
cloning efficiency	$\geq 70\%$	91%
<u>Antibodies</u>		
Alpha 1	As reported	16.5 g/L
Beta	As reported	1.8 g/L
Gamma	As reported	0.4 g/L
Albumin	As reported	17.6 g/L

Biochemical Profile

T3		<0.11nM
T4		11.07nM
Total Protein (Beckman DXC)	35-50 mg/mL	30mg/mL
Hemoglobin	≤200 mg/L	108 mg/L
Endotoxin	≤10 EU/mL	0.3EU/mL
IgG (ELISA)	≤400 mg/L	109 mg/L
Osmolality (Osmometer)	260-360 mOsmo/kg	305 mOsmol/kg
pH	6.9-7.6	7.5
Sodium	As reported	125.35 mmol/L
Potassium	As reported	8.97 mmol/L
Chloride	As reported	92.45 mmol/L
Anion gap	As reported	21 mmol/L
Glucose	As reported	4.9 mmol/L
Creatinine	As reported	25 mg/L
Urea	As reported	406 mg/L
Uric Acid	As reported	0mg/L
Bilirubin	As reported	1.0 mg/L
Calcium	As reported	2.38 mmol/L
Phosphorous	As reported	2.9 mmol/L
Alkaline Phosphatase	As reported	142 U/L
Alanine Transaminase	As reported	5.5 U/L
Aspartate Transaminase	As reported	24 U/L
Triglyceride	As reported	40.8mg/dL
Cholesterol	As reported	22mg/dL

This product is for R&D use only, not for drug, household, or other uses.

Results shown were obtained by carefully performed methods believed to be reliable. However, since some results may vary by methodology, it is suggested that tests for which results are particularly critical be repeated by the end user.

Precipitates may develop in this product upon freezing or thawing, this occurrence does not impact culture performance.