

Fetal Bovine Serum –Triple 0.1 µm Sterile Filtered, US Origin

Product number: FBS-BBT-XXX Lot Number: 20131021FS
 Date of Manufacture: 10/2013 Expiration date: 10/2018
 Storage temperature: -5 to -20°C

Not for human or animal consumption

Basis for Release

| Chemical Analysis | | | | Microbiological Analysis | | | |
|-------------------|--------------------|---------------|-------------|--------------------------|-----------------|--------------------|----------------|
| Test | Method | Specification | Result | Test | Method | Specification | Result |
| Total Protein | Chemistry Analyzer | ≤ 45 g/L | 36 g/L | Sterility | 9CFR 113.26 | No growth | No growth |
| Albumin | Chemistry Analyzer | ≤ 25.0 g/L | 8 g/L | Mycoplasma | 9CFR 113.28 | Not Detected | Not Detected |
| Globulin | Chemistry Analyzer | As reported | 2.8 g/dL | Endotoxin | KCA | < 10.0 EU/ml | < 6 EU/ml |
| Bilirubin | Chemistry Analyzer | As reported | 0.3 mg/dL | Viral Analysis | | | |
| ALT | Chemistry Analyzer | As reported | < 6 U/L | Test | Method | Specification | Result |
| AST | Chemistry Analyzer | As reported | 25 U/L | BVD Cytopathic | 9CFR 113.53 | Not Detected | Not Detected |
| Cholesterol | Chemistry Analyzer | As reported | < 50 mg/dL | BVD Non- Cytopathic | 9CFR 113.53 | Tested | Tested |
| Glucose | Chemistry Analyzer | As reported | 140 mg/dL | PI3 | 9CFR 113.53 | Not Detected | Not Detected |
| Urea | Chemistry Analyzer | As reported | 14 mg/dL | IBR | 9CFR 113.53 | Not Detected | Not Detected |
| Creatinine | Chemistry Analyzer | As reported | 2.6 mg/dL | Bovine Adeno 3 | 9CFR 113.53 | Not Detected | Not Detected |
| Sodium | Chemistry Analyzer | As reported | 127 mmol/L | Bovine Adeno 5 | 9CFR 113.53 | Not Detected | Not Detected |
| Potassium | Chemistry Analyzer | As reported | 9.7 mmol/L | BRSV | 9CFR 113.53 | Not Detected | Not Detected |
| Calcium | Chemistry Analyzer | As reported | 12.5 mg/dL | REO Virus | 9CFR 113.53 | Not Detected | Not Detected |
| Phosphorus | Chemistry Analyzer | As reported | 8.9 mg/dL | Rabies | 9CFR 113.53 | Not Detected | Not Detected |
| Osmolality | Osmometer | As reported | 280 mOsm/kg | Blue Tongue | 9CFR 113.53 | Not Detected | Not Detected |
| Hemoglobin | CTQC12 | ≤ 25.0 mg/dL | 10.4 mg/dL | Identity Analysis | | | |
| pH | pH meter | 6.80 – 8.20 | 7.78 | Test | Method | Specification | Result |
| IgG | ELISA | As reported | 147 ug/mL | Serum Identity | Electrophoresis | Characteristic | Characteristic |
| | | | | Appearance | Visual | Clear yellow-amber | Clear Amber |

STATEMENT OF ORIGIN

This serum has been derived from blood aseptically collected in approved abattoirs. The serum was aseptically processed and filter sterilized in USA. The country of origin of the crude blood (donor cow origin) is the United States.

Approval

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|---|--|--------------------------|
| Quality Assurance – Print Name: <i>Desiree James</i> | Quality Assurance – Sign Name: <i>Desiree James</i> | Date: <i>12/05/13</i> |
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