

Newborn Calf Serum –Sterile Filtered

Product number: NBS-ABT-5XM Lot Number: 20130830NB
 Date of Manufacture: 08/2013 Expiration date: 08/2018
 Storage temperature: -5 to -20°C

Not for human or animal consumption


Basis for Release

| Chemical Analysis | | | Microbiological Analysis | | |
|-------------------|-----------------|--------------|---|----------------------|----------------|
| Test | Specification | Result | Test | Specification | Result |
| Osmolality | 260-340 mOsm/Kg | 275 mOsm/Kg | Sterility 9CFR 113.28 | No growth | No growth |
| pH | As reported | 8.3 | Mycoplasma 9CFR 113.26 | Not Detected | Not Detected |
| Hemoglobin | < 25 mg/dL | 22.6 mg/dL | Endotoxin | As Reported | < 50 EU/mL |
| Total Protein | As Reported | 6.8 g/dL | Viral Analysis 9CFR 113.46, 47, 53 | | |
| Albumin | As Reported | 1.0 g/dL | Test | Specification | Result |
| CK | As Reported | 263 U/L | BVD | Not Detected | Not Detected |
| GGT | As Reported | 798 U/L | PI3 | Not Detected | Not Detected |
| Triglyceride | As Reported | 33 mg/dL | IBR | Not Detected | Not Detected |
| Globulin | As Reported | 5.8 g/dL | Bovine Adeno 3 | Not Detected | Not Detected |
| Bicarbonate | As Reported | 21.0 mmol/L | Bovine Adeno 5 | Not Detected | Not Detected |
| Iron | As Reported | 102 ug/dL | BRSV | Not Detected | Not Detected |
| Magnesium | As Reported | 1.8 mg/dL | REO Virus | Not Detected | Not Detected |
| Bilirubin | As Reported | 0.4 mg/dL | Rabies | Not Detected | Not Detected |
| ALT | As Reported | 15 U/L | Blue Tongue | Not Detected | Not Detected |
| AST | As Reported | 72 U/L | Identity Analysis | | |
| Cholesterol | As Reported | 57 mg/dL | Test | Specification | Result |
| Glucose | As Reported | 79 mg/dL | Serum Identity | Characteristic | Characteristic |
| Urea | As Reported | 14 mg/dl | Appearance | Characteristic | Pass |
| Creatinine | As Reported | 0.9 mg/dL | | | |
| Sodium | As Reported | 135.0 mmol/L | | | |
| Chloride | As Reported | 94 mmol/L | | | |
| Potassium | As Reported | 4.9 mmol/L | | | |
| Calcium | As Reported | 10.1 mg/dL | | | |
| Phosphorus | As Reported | 7.1 mg/dL | | | |
| IgG | As Reported | 18,900 ug/mL | | | |

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 is New Zealand.

Approval

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| Quality Assurance – Print Name: <i>Emily Villegas</i> | Quality Assurance – Sign Name:  | Date: <i>10/9/13</i> |
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