

Newborn Calf Serum– 0.2µm Filtered, New Zealand origin

Product number: NBS-ABT-XXX Lot Number: 20150112NB
 Date of Manufacture: 01/2015 Expiration date: 01/2020
 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 | 274 mOsm/Kg | Sterility 9CFR 113.26 | No growth | No growth |
| pH | As Reported | 8.0 | Mycoplasma 9CFR 113.28 | Not Detected | Not Detected |
| Hemoglobin | < 25 mg/dL | 12.7 mg/dL | Endotoxin | As Reported | 31.25 EU/mL* |
| Total Protein | As Reported | 6.1 g/dL | Viral Analysis 9CFR 113.46, 47, 53 | | |
| Albumin | As Reported | 2.7 g/dL | Test | Specification | Result |
| Globulin | As Reported | 3.4 g/dL | BVD Cytopathic | Not Detected | Not Detected |
| GGT | As Reported | 679 U/L | BVD Non-Cytopathic | Tested | Not Detected |
| Triglyceride | As Reported | 29 mg/dL | PI3 Hemadsorbing | Not Detected | Not Detected |
| CK | As Reported | 250 U/L | IBR Cytopathic | Not Detected | Not Detected |
| Bicarbonate | As Reported | 27.0 mEq/L | Bovine Adeno 3 | Not Detected | Not Detected |
| Iron | As Reported | 89 µg/dL | Bovine Adeno 5 | Not Detected | Not Detected |
| Magnesium | As Reported | 1.9 mg/dL | BRSV | Not Detected | Not Detected |
| Bilirubin | As Reported | 0.7 mg/dL | BPV | Not Detected | Not Detected |
| ALT | As Reported | 194 U/L | REO Virus | Not Detected | Not Detected |
| AST | As Reported | 74 U/L | Rabies | Not Detected | Not Detected |
| Cholesterol | As Reported | 130 mg/dL | Blue Tongue | Not Detected | Not Detected |
| Glucose | As Reported | 82 mg/dL | Identity Analysis | | |
| Urea | As Reported | 13 mg/dL | Test | Specification | Result |
| Creatinine | As Reported | 0.7 mg/dL | Serum Identity | Characteristic | Characteristic |
| Sodium | As Reported | 135.0 mEq/L | Appearance | Clear yellow-amber | Clear yellow-amber |
| Chloride | As Reported | 95 mEq/L | | | |
| Potassium | As Reported | 5.5 mEq/L | | | |
| Calcium | As Reported | 10.1 mg/dL | | | |
| Phosphorus | As Reported | 7.4 mg/dL | | | |
| IgG | As Reported | 22,200 µg/mL | | | |

* This lot is conditionally released due to elevated endotoxin.

STATEMENT OF ORIGIN

This serum was derived from blood collected in approved abattoirs in New Zealand. The serum was processed and filtered in the USA. The country of origin of the crude blood (bovine origin) is New Zealand.

Approval

| | | |
|---|---|-------------------|
| Quality Assurance – Print Name: <i>Teri Sorenson</i> | Quality Assurance – Sign Name: <i>TKSorenson</i> | Date: 10/02/15 |
|---|---|-------------------|