

Certificate of Analysis

Product: Human Serum Pool– Double Charcoal Stripped and Non-Lipid Stripped
Lot#: 100CM-01A09
Bulk: 900 Liters
Filled in: 3.5 Liters/Bottle
pH: 7.45 (pH meter)
Preservative: None
Filtration: Filtered through a 0.22micron absolute membrane filter prior to bottling
Storage: -20°C
D.O.M.: 01-12-2009
Expiration date: 01-2014
Bleed testing: All units were tested at the donor level by FDA approved tests found negative to antibodies HIV-I/II, HCV, HTLV-I/II and non-reactive to HBsAg and Syphilis.

| Analyte | Result | Method Used |
|------------------------|--------------|----------------|
| Calcium | 6.6 mg/dL | SMAC |
| Phosphorus | 9.5 mg/dL | SMAC |
| Uric acid | <2.0 mg/dL | SMAC |
| Alkaline Phosphatase | 19 IU/mL | SMAC |
| LDH | 101 IU/mL | SMAC |
| SGOT/AST | <4 U/L | SMAC |
| Total Bilirubin | <0.1 mg/dL | SMAC |
| SGPT/ALT | <4 U/L | SMAC |
| GGTP | 15 IU/mL | SMAC |
| Total Protein | 5.5 g/dL | SMAC |
| Albumin | 3.5 g/dL | SMAC |
| Globulin | 2.0 g/dL | SMAC |
| A/G Ratio | 1.8 | SMAC |
| BUN | 9 mg/dL | SMAC |
| Creatinine | 0.2 mg/dL | SMAC |
| Glucose | 45 mg/dL | SMAC |
| Total Iron | 170 µg/dL | SMAC |
| Chloride | 97 meq/L | SMAC |
| Sodium | 158 meq/L | SMAC |
| Potassium | 2.5 meq/L | SMAC |
| Triglycerides | 149 mg/dL | SMAC |
| Cholesterol | 91 mg/dL | SMAC |
| Ionized calcium | 3.3 mg/dL | SMAC |
| Osmolality | 329 mOSM/Kg | SMAC |
| T3 Concentration | 0.0 ng/mL | AccuBind ELISA |
| T4 Concentration | <0.02 µg/dL | AccuBind ELISA |
| Cortisol Concentration | 0.0 µg/dL | AccuBind ELISA |
| Growth Hormone Conc. | <0.02 µIU/mL | AccuBind ELISA |

Caution: Not for use in products subject to license under section 351 of the public health safety acts. For use in research or manufacturing into non-injectable products only.

