

Certificate of Analysis

Product: Homocysteine Free Human Serum (Human plasma, Defibrinated, Delipidated)
Lot#: 039CM-01E05
Bulk: 800 Liters
Filled in: 3.5 Liters/Bottle
Preservative: 0.1g% Sodium Azide
Bioburden: <10cfu/mL or no growth
Date of Manufacture: 11-01-2004
Shelf Life: Five years at -20°C from date of manufactured
Filtration: Filtered through a 0.22micron absolute membrane filter prior to bottling
Storage: -20°C
Bleed testing: Donors used in this pool were tested negative or non-reactive for: HIV-1/2, HCV, HBsAg, HIV1-Ag, (HCV/HIV-1/HBV by NAT testing) and ALT within acceptable range by FDA approved method.

Analyte	Result	Method
Calcium	0.4 mg/dL	SMAC
Phosphorus	<0.3 mg/dL	SMAC
Uric Acid	<0.2 mg/dL	SMAC
Alkaline Phosphatase	<0.3 IU/L	SMAC
LDH	171 IU/L	SMAC
SGOT/AST	8 U/L	SMAC
Total Bilirubin	0.2 mg//dL	SMAC
SGPT/ALT	<4 U/L	SMAC
GGTP	13 IU/L	SMAC
Total Protein	6.6 g/dL	SMAC
Albumin	4.0 g/dL	SMAC
Globulin	2.6 g/dL	SMAC
A/G Ratio	1.5	SMAC
BUN	<2 mg/dL	SMAC
Creatinine	0.1 mg/dL	SMAC
Glucose	<2 mg/dL	SMAC
Total Iron	108 µg/dL	SMAC
Chloride	144 meq/L	SMAC
Sodium	153 meq/L	SMAC
Potassium	<1.5 meq/L	SMAC
Triglycerides	<4 mg/dL	SMAC
Cholesterol	<3 mg/dL	SMAC
Ionized Calcium	0.0 mg/dL	SMAC
Serum Osmolality	299 mOSM/Kg	SMAC

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.