



Certificate of Analysis

Product Description: Human Serum, Pooled
Catalog Number: 2930149
Lot: M6862

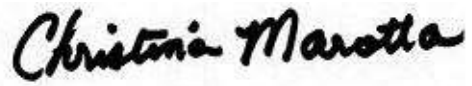
Formula: N/A
CAS #: N/A
Physical Description: Straw Yellow Liquid

Formula Weight: N/A
Storage: -20°C

Test	Specification	Result
pH	7.0 - 8.0	7.7
Osmolality	263 - 323 mOsm/kg	279 mOsm/kg
Protein	5.5 - 7.5 g/dl	5.8 g/dl
Hemoglobin	≤26 mg/dl	1.9 mg/dl
Endotoxin	For Information Only	0.9 EU/ml
Mycoplasma	Negative	Negative
Sterility	Sterile	Passes
HIV Antibody	Negative	Negative
HBsAG	Negative	Negative
Growth Promotion	Passes	Passes
Expiration Date	Month/Day/Year	4/30/2016

Glucose	100 mg/dl
Sodium	136 meq/l
Potassium	3.9 meq/l
Chloride	113 meq/l
Calcium	9.1 mg/dl
Phosphorus	2.7 mg/dl
Albumin	3.7 g/dl
Total Bilirubin	0.4 mg/dl
Cholesterol	138 mg/dl
Triglycerides	100 mg/dl
Electrophoresis	Representative of Normal Human Serum
Filtration	0.1 micron cartridge

Each donor unit of plasma used in the preparation of this material was tested and found negative for HBsAg, HIV 1/2, anti-HCV, HCV-NAT, HIV-1 NAT, and syphilis by FDA regulation

A handwritten signature in black ink that reads "Christina Marotta". The signature is written in a cursive style and is positioned above a thin horizontal line.

05/31/2013 - Christina Marotta
MP Biomedicals, LLC.
Technical Director

This is an electronically generated document
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