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Certificate of Analysis

Product Description: Human Serum, Pooled
Catalog Number: 2930149
Lot: M6780**Formula:** N/A
CAS #: N/A
Physical Description: Golden Yellow Solution**Formula Weight:** N/A
Storage: -20°C

Test	Specification	Result
pH	7.0 - 8.0	7.7
Osmolality	263 - 323 mOsm/kg	282 mOsm/kg
Protein	5.5 - 7.5 g/dl	5.9 g/dl
Hemoglobin	≤26 mg/dl	0.9 mg/dl
Endotoxin	For Information Only	0.7 EU/ml
Mycoplasma	Negative	Negative
Sterility	Sterile	Passes
HIV Antibody	Negative	Negative for HIV-1/2
HBsAG	Negative	Negative
Growth Promotion	Passes	Passes
Expiration Date	Month/Day/Year	2/28/2014

Glucose	90 mg/dl
Sodium	138 meq/l
Potassium	3.9 meq/l
Chloride	119 meq/l
Calcium	8.5 mg/dl
Phosphorus	2.7 mg/dl
Albumin	3.5 g/dl
Total Bilirubin	0.3 mg/dl
Cholesterol	124 mg/dl
Triglycerides	58 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

Christina Marotta

05/20/2013 - Christina Marotta
MP Biomedicals, LLC.
Technical Director

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