



MP Biomedicals, LLC

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Certificate of Analysis

Product Description: Human Type AB Serum (HCV, HIV, HBsAG Free), Heat Inactivated_
Catalog Number: 2938249_
Lot: 3154B_

Formula: n/a
CAS #: n/a
Physical Description: Yellowish-brown Liquid

Formula Weight: n/a
Storage: -20°C

Test	Specification	Result
pH	7.0 - 8.0	7.6
Osmolality	263 - 323 mOsm/kg	298mOsm
Protein	6.8 - 8.2%	Passes
Hemoglobin	Not more than 26 mg/dl	2.0 mg/dl
Endotoxin	For Information Only	1.0 ng/ml
Mycoplasma	Absent	Negative
Bacteria and Fungi	Absent	Negative
HCV, HIV, HBsAG	Not detected	Negative
Growth Promotion	Passes	Passes

Additional Tests For Information Only:

Glucose	144 mg/dl
Sodium	143 meq/l
Potassium	3.5 meq/l
Chloride	87 meq/l
B.U.N.	8 mg/dl
Creatinine	0.5 mg/dl
Uric Acid	2.8 mg/dl
Calcium	8.1 mg/dl
Phosphorus	1.9 mg/dl
Albumin	3.9 gm/dl
Total Bilirubin	0.4 mg/dl
ALT (SGPT)	13 IU/l
Alkaline phosphatase	68 IU/l
AST (SGOT)	15 IU/l

LDH	143 IU/l
Cholesterol	169 mg/dl
Triglycerides	90 mg/dl



07/12/2000 - Joseph Dietz, Ph.D
MP Biomedicals, LLC.
Technical Director

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