



**MP Biomedicals, LLC**

29525 Fountain Parkway  
Solon, Ohio 44139

Telephone: 440/337-1200  
Toll Free: 800/854-0530

Fax: 440/337-1180  
web: www.mpbio.com

## Certificate of Analysis

**Product Description:** Human Type AB Serum (HCV, HIV, HBsAG Free), Heat Inactivated\_  
**Catalog Number:** 2938249\_  
**Lot:** 3834B\_

**Formula:** n/a

**CAS #:** n/a

**Physical Description:** Yellowish-brown liquid

**Formula Weight:** n/a

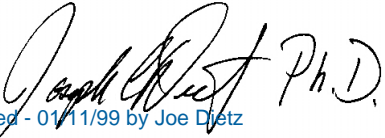
**Storage:** -20<sup>o</sup>C

Test	Specification	Results
pH	7.0 - 8.0	7.6
Osmolality	263 - 323 mOsm/kg	298
Protein	6.8 - 8.2%	6.8%
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

  
Approved - 01/11/99 by Joe Dietz  
MP Biomedicals, LLC.  
Technical Director

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<mailto:biotech@mpbio.com>

<http://www.mpbio.com>

Online Ordering, MSDSs, certificates of analysis and data sheets now available on our web site

Technical Service: 1-800-279-5490 (440-337-1200) Customer Service: 1-800-854-0530 (440-337-1200)