



**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 (nonreactive for HBsAG and HIV)  
**Catalog Number:** 2930949\_  
**Lot:** 3533C\_

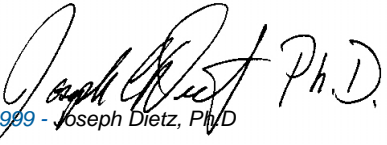
<b>Formula:</b> N/A <b>CAS #:</b> N/A <b>Physical Description:</b> golden liquid (frozen)	<b>Formula Weight:</b> N/A <b>Storage:</b> -20°C
---	---

Test	Specification	Result
pH	7.0 - 8.0	7.4
Osmolality	263 - 323 mOsm/kg	282 mOsm/kg
Protein	6.8 - 8.2 gm/dl	6.8 gm/dl
Hemoglobin	≤26 mg/dl	7.4 mg/dl
Endotoxin	For Information Only	1.9 EU/ml
Mycoplasma	Absent	negative
Bacteria and Fungi	Absent	Passes
HIV, HBsAG	Not Detected	Passes
Growth Promotion	Passes	Passes
Expiration date	m/yr	10/01

**Additional Tests For Information Only:**

Glucose	97mg/dl
Sodium	137meq/l
Potassium	3.3meq/l
Chloride	100 meq/l
B.U.N.	6mg/dl
Creatinine	0.4mg/dl
Uric Acid	2.4mg/dl
Calcium	8.5mg/dl
Phosphorus	2.9mg/dl
Albumin	4.1 gm/dl
Total Bilirubin	0.4mg/dl
ALT (SGPT)	18IU/l
Alkaline phosphatase	49IU/l

AST (SGOT)	20IU/l
LDH	171IU/l
Cholesterol	170mg/dl
Triglycerides	159mg/dl
HCV, anti-HBc, anti-HBs	Negative

  
10/27/1969 - Joseph Dietz, Ph.D.  
MP Biomedicals, LLC.  
Technical Director

This is an electronically generated document

<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)