



MP Biomedicals, LLC

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Certificate of Analysis

Product Description: 10X Ham's F10 without L-Glutamine, without Sodium Bicarbonate, with 12.4 mg/L Phenol Red.
Catalog Number: 1440049; 1440054_
Lot: 14400004_

Formula: n/a
CAS #: n/a
Physical Description: Clear orange liquid

Formula Weight: n/a
Storage: 2-8oC

| Test | Specification | Results |
|--------------------|-----------------|----------------------|
| Identity Test | Passes | Passes |
| Functionality Test | Passes | Passes |
| pH | 5.5-6.1 | 5.8 |
| Osmolality | 2380-2730 mOsm | 2540 mOsm |
| Endotoxin | <0.25 EU/ml | <0.1 EU/ml |
| Mycoplasma | Tested Negative | Negative |
| Sterility | Passes | Passes |
| Expiration Date | m/yr | 06/00 |


Approved - 01/05/99 by Joe Dietz
MP Biomedicals, LLC.
Technical Director

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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)