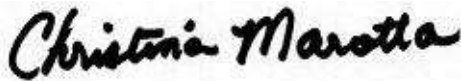


MP Biomedicals, LLC29525 Fountain Parkway
Solon, Ohio 44139Telephone: 440/337-1200
Toll Free: 800/854-0530

Certificate of Analysis

Product Description: Cellvation Cryopreservation Media
Catalog Number: 2030026; 2030046; 2030048; 20300M2
Lot: M5721**Formula:** N/A
CAS #: N/A
Physical Description: Clear, Dark Pink Solution**Formula Weight:** N/A
Storage: +4°C

Test	Specification	Result
pH	6.5 - 7.5	7.1
Osmolality	1300 - 1600 mOsm/kg	1552 mOsm/kg
Endotoxin	<0.5 EU/mL	<0.5 EU/mL
Mycoplasma	Negative	Negative
Bacteria, Fungi, Yeast and Mold	Negative	Negative
Post Thaw Viability	>75%	>75%
Cytotoxicity	Negative	Negative
Expiration Date	Month/Day/Year	5/31/2014

12/21/2012 - Christina Marotta
MP Biomedicals, LLC.
Technical DirectorThis is an electronically generated document
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<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)