



MP Biomedicals, LLC

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Certificate of Analysis

Product Description: Ham's F-12 (Modified) with L-Glutamine, without Sodium Bicarbonate_

Catalog Number: 1042120; 1042122; 1042124_

Lot: C1729_

Formula: N/A

CAS #: N/A

Physical Description: Peach Powder

Formula Weight: N/A

Storage: +4°C

Test	Specification	Result
Moisture Content	< 1.5%	<1%
Osmolality	290 ± 30mOsm	271 mOsm
pH w/o Bicarb	6.3 - 7.2	6.73
Functionality Test	Pass	Pass
Expiration date	month/day/year	10/31/2014

Particle size: >95% thru 100 mesh

pH (with 1176 mg/L NaHCO₃): 7.61

Osmolality (with 1176 mg/L NaHCO₃): 294 mM/kg

Endotoxin: <0.10 EU/ml

Mycoplasma: Negative

Christina Marotta

11/08/2010 - Christina Marotta

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)