

MP Biomedicals, LLC29525 Fountain Parkway
Solon, Ohio 44139Telephone: 440/337-1200
Toll Free: 800/854-0530Fax: 440/337-1180
web: www.mpbio.com

Certificate of Analysis

Product Description: Dulbecco's Modification of Eagle's Medium/Ham's F-12 without Glutamine and Sodium Bicarbonate, with 3151 mg/liter Dextrose
Catalog Number: 1046820; 1046822; 1046824
Lot: C2531

Formula: N/A
CAS #: N/A
Physical Description: Orange Powder

Formula Weight: N/A
Storage: 2 - 8°C

Test	Specification	Result
Cell Culture Testing	Passes	Passes
pH	5.8 - 7.2	6.39 (without NaHCO ₃)
Osmolality	240 - 270 mM/kg	266 mM/kg (without NaHCO ₃)
Endotoxin	≤0.25 EU/ml ≤0.025 ng/ml	< 0.1 EU/ml < 0.01 ng/ml
Mycoplasma	Negative	Negative
Functionality Test	Passes	Passes
Expiration Date	Month/Day/Year	09/30/2025

Solubility (11.70 g/L water): 19 minutes with slight heating

Moisture Content: <1.25%

Particle Size: >90% thru 100 mesh

pH (with 2438 mg/L NaHCO₃): 7.70Osmolality (with 2438 mg/L NaHCO₃): 322 mM/kg

10/18/2021 - John Huang, PhD

MP Biomedicals, LLC.

Quality Control Manager

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)