



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: Minimum Essential Medium Eagle (Modified), with Earle's Salts and L-Glutamine, without Sodium Bicarbonate
Catalog Number: 1010122
Lot: YC0702

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

Formula Weight: N/A
Storage: +4° C

Test	Specification	Result
Moisture Content	≤2.0%	2.0%
Solubility	Passes	Passes
Osmolality	240 - 320 mM/kg	245 mM/kg
pH (Before adjustment with Sodium Bicarbonate)	5.5 - 6.7	5.77
pH (After adjustment with Sodium Bicarbonate)	6.8 - 8.0	7.62
Cell Growth Promotion (3 passages)	Passes	Passes
Viability (Toxicity)	>80%	>80%
Endotoxin	Report Result	<0.25 EU/ml
Mycoplasma	Negative	Negative
Expiration Date	Month/Day/Year	07/14/2024

Medium was supplemented with 10% FBS and 2.2 g/L NaHCO₃ adjusted to pH 7.2, and tested using CHO cells grown in a monolayer in a 5% CO₂ atmosphere.
Osmolality (with 2200 mg/l NaHCO₃): 284 mM/kg

08/04/2022 - Lily Liu
MP Biomedicals, LLC.
QM

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)