

Certificate of Analysis

Description: **DMEM**
(Dulbecco's Modification of Eagle's Medium)
with 4.5 g/L glucose,
L-glutamine & sodium pyruvate
without sodium bicarbonate
Prepares 50 L at 13.48 g/L

Catalog #: 50-003-PC
Lot #: 23915008
Expiration Date: 05/18
Country of Manufacture: USA

Storage: 2-8°C

Notes:

This product was tested in accordance with currently approved Mediatech, Inc. specifications and procedures. Testing procedures are maintained in compliance with the current versions of the USP and/or EP, where applicable.

For IVD Use. Not for Human Therapeutic Use. Utilization of this product apart from the labeled intended use may be a violation of local and/or Federal Law.

| TEST PARAMETERS | SPECIFICATION | RESULT |
|---|-----------------------------------|------------------------------|
| Cell Line | | |
| VERO (Cellgrowth) | Pass | Pass |
| PRK (Cellgrowth) | Pass | Pass |
| NG-108 (Cellgrowth) | Pass | Pass |
| pH (before adjustment with NaHCO ₃) | 6.5 ± 0.5 | 6.2 |
| Osmolality (before adjustment with NaHCO ₃) | For information Only | 261 mOsm/Kg H ₂ O |
| pH (after adjustment with NaHCO ₃) | 7.8 ± 0.5 | 7.7 |
| Osmolality (after adjustment with NaHCO ₃) | 335 ± 30 mOsm/Kg H ₂ O | 336 mOsm/Kg H ₂ O |
| Endotoxin | ≤ 0.25 EU/mL @ FW | < 0.0010 EU/mL @ FW |
| Mycoplasma | Tested Negative | Negative |
| Moisture | ≤ 1.50% | 1.3% |
| Bioburden | Test & Report | 520 CFU/g |
| Particle Size | ≥ 90% @212 micron | 98% @ 212 micron |
| Solubility | Pass | Pass |

For additional information on this Mediatech product, please contact our Technical Services department at (800) 235-5476 or via email at MTTechServ@corning.com.

Following signatures indicate the above material has met all quality specifications and has been reviewed by a Quality representative.

Written By/Date: *Elisaveth Jaimes 14 Oct 2015*

Reviewed By/Date: *George 15 Oct 2015*



Mediatech, Inc.
A Corning Subsidiary
9345 Discovery Boulevard
Manassas, VA 20109
Main (703) 471-5955
Customer Service (800) 235-5476
www.cellgro.com