

## 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 #:** 02716007  
**Expiration Date:** 10/18  
**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.

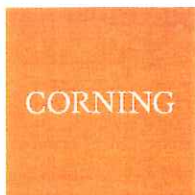
TEST PARAMETERS	SPECIFICATION	RESULT
Cell Line		
L929 (Cellgrowth)	Pass	Pass
PRK (Cellgrowth)	Pass	Pass
NG-108 (Cellgrowth)	Pass	Pass
pH (before adjustment with NaHCO <sub>3</sub> )	6.5 ± 0.5	6.3
Osmolality (before adjustment with NaHCO <sub>3</sub> )	For Information Only	255 mOsm/kg H <sub>2</sub> O
pH (after adjustment with NaHCO <sub>3</sub> )	7.8 ± 0.5	7.7
Osmolality (after adjustment with NaHCO <sub>3</sub> )	335 ± 30 mOsm/kg H <sub>2</sub> O	331 mOsm/kg H <sub>2</sub> O
Endotoxin	≤ 0.25 EU/mL @ FW	0.0012 EU/mL @ FW
Mycoplasma	Tested Negative	Negative
Moisture	≤ 1.50%	1.25%
Bioburden	Test & Report	20 CFU/g
Particle Size	≥ 90% @212 micron	99% @ 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: Eligberto Valmales 02 FEB 2016

Reviewed By/Date: [Signature] 03 FEB 2016



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