

## Certificate of Analysis

**Description: DMEM**  
(Dulbecco's Modification of Eagle's Medium)  
without glucose, L-glutamine, phenol red, sodium bicarbonate & Sodium pyruvate  
Prepares 10 L at 8.28 g/L  
**Storage:** 2-8°C

**Catalog #:** 90-113-PB  
**Lot #:** 13716020  
**Expiration Date:** 03/19  
**Country of Manufacture:** USA

**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.

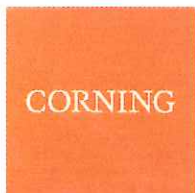
TEST PARAMETERS	SPECIFICATION	RESULT
Cell Line		
L929 (Cellgrowth)	Pass	Pass
PRK (Cellgrowth)	Pass	Pass
NG-108 (Cellgrowth)	Pass	Pass
pH (before adjustment with NaHCO <sub>3</sub> )	6.5 ± 0.5	6.3
Osmolality (before adjustment with NaHCO <sub>3</sub> )	For Information Only	226 mOsm/Kg H <sub>2</sub> O
pH (after adjustment with NaHCO <sub>3</sub> )	7.8 ± 0.5	7.9
Osmolality (after adjustment with NaHCO <sub>3</sub> )	335 ± 30 mOsm/Kg H <sub>2</sub> O	309 mOsm/Kg H <sub>2</sub> O
Endotoxin	≤ 0.25 EU/mL @ FW	< 0.0010 EU/mL @ FW
Mycoplasma	Tested Negative	Negative
Moisture	≤ 1.50%	1.14%
Bioburden	Test & Report	30 CFU/gm
Particle Size	≥ 90% at 212 micron	99% at 212 micron

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: *Eugene J. Jarama* 11 May 2016

Reviewed By/Date: *[Signature]* 16 MAY 2016



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