

## 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 10 L at 13.48 g/L**

**Catalog #:** 50-003-PB  
**Lot #:** 06016013  
**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: *Angelita Yalmaris* 11 Mar 2016

Reviewed By/Date: *George* 11 MAR 2016



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