

## Certificate of Analysis

**Description: DMEM**

(Dulbecco's Modification of Eagles Medium)  
with 4.5 g/L glucose & L-glutamine without sodium pyruvate & sodium bicarbonate  
Prepares 50 L at 13.37 g/L

**Catalog #:** 50-013-PC

**Lot #:** 15619008

**Expiration Date:** 2022-04

**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 Research or Further Manufacturing Use Only Not for use in Diagnostic Procedures. 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		
PRK (Cellgrowth)	Pass	Pass
LM (Cellgrowth)	Pass	Pass
NG-108(Cellgrowth)	Pass	Pass
LM (Plating Efficiency)	Pass	Pass
pH (before adjustment with NaHCO <sub>3</sub> )	6.5 ± 0.5	6.2
pH (after adjustment with NaHCO <sub>3</sub> )	7.8 ± 0.5	7.7
Osmolality (before adjustment with NaHCO <sub>3</sub> )	For Information	256 mOsm/Kg H <sub>2</sub> O
Osmolality (after adjustment with NaHCO <sub>3</sub> )	335 ± 30 mOsm/Kg H <sub>2</sub> O	333 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%	0.76%
Bioburden	Test & Report	50 CFU/g
Particle Size	≥ 90% @ 212 micron	99% @ 212 micron
Solubility	Pass	Pass

For further information, contact Corning Scientific Support at 800-492-1110 or [ScientificSupport@corning.com](mailto:ScientificSupport@corning.com).

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

Written By/Date: Changping Akewant 06 JUN 2019 Reviewed By/Date: George 06 JUN 2019



Mediatech, Inc.  
A Corning Subsidiary  
9345 Discovery Boulevard  
Manassas, VA 20109  
1-800-492-1110  
[www.corning.com](http://www.corning.com)