

## 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 10 L at 13.37 g/L

**Catalog #:** 50-013-PB

**Lot #:** 13721011

**Expiration Date:** 2024-03

**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
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	259 mOsm/Kg H <sub>2</sub> O
Osmolality (after adjustment with NaHCO <sub>3</sub> )	335 ± 30 mOsm/Kg H <sub>2</sub> O	338 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%	0.52%
Bioburden	Test & Report	0 CFU/g
Particle Size	≥ 90% @ 212 micron	99% @ 212 micron
Solubility	Pass	Pass
Cell Growth	Pass	Pass
LM		
PRK		
NG-108		
Plating Efficiency	Pass	Pass
LM		

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: Charisity Stewart 03 JUN 2021      Reviewed By/Date: George 04 JUN 2021



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