

## 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

**Catalog #:** 50-003-PC

**Lot #:** 12219012

**Expiration Date:** 2022-03

**Country of Manufacture:** USA

Prepares 50 L at 13.48 g/L

**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		
VERO (Cellgrowth)	Pass	Pass
PRK (Cellgrowth)	Pass	Pass
NG-108 (Cellgrowth)	Pass	Pass
pH (before adjustment with NaHCO <sub>3</sub> )	6.5 ± 0.5	6.2
Osmolality (before adjustment with NaHCO <sub>3</sub> )	For Information Only	258 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	335 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%	0.57%
Bioburden	Test & Report	10 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: Charity Atwood 14 MAY 2019

Reviewed By/Date: George 14 MAY 2019

CORNING

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