

# 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 50 L at 13.48 g/L

**Catalog #:** 50-003-PC  
**Lot #:** 28923010  
**Expiration Date:** 2024-07  
**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	7.8
Osmolality (before adjustment with NaHCO <sub>3</sub> )	For Information Only	258 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	0.0020 EU/mL @ FW
Mycoplasma	Tested Negative	Negative
Moisture	≤ 1.50%	0.776%
Bioburden	Test & Report	40 CFU/g
Particle Size	≥ 90% @ 212 micron	99% @ 212 micron
Solubility	Pass	Pass
Cell Growth	Pass	Pass
VERO		
PRK		
NS-1		

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: M 25 Oct 2023

Reviewed By/Date: George 27 Oct 2023



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