

# Certificate of Analysis

<p><b>Description:</b> <b>DMEM</b>  <b>(Dulbecco's Modification of Eagle's Medium)</b>                  with 4.5 g/L glucose                  without L-glutamine, sodium pyruvate,                  phenol red &amp; sodium bicarbonate                  Prepares 10 L at 12.78 g/L</p> <p><b>Storage:</b> <b>2-8°C</b></p>	<p><b>Catalog #:</b> 90-013-PB</p> <p><b>Lot #:</b> 32621010</p> <p><b>Expiration Date:</b> 2024-09</p> <p><b>Country of Manufacture:</b> USA</p>
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**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	251 mOsm/Kg H <sub>2</sub> O
Osmolality (after adjustment with NaHCO <sub>3</sub> )	335 ± 30 mOsm/kg H <sub>2</sub> O	320 mOsm/Kg H <sub>2</sub> O
Endotoxin	≤ 0.25 EU/ml @FW	< 0.0010 EU/ml @FW
Mycoplasma	Tested Negative	Negative
Particle Size	≥ 90% @ 212 micron	99% @ 212 micron
Solubility	Pass	Pass
Moisture	≤ 1.50%	0.608%
Bioburden	Test & Report	10 CFU/g
Cell Growth	Pass	Pass
VERO		
PRK		
NS-1		
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: in 29 NOV 2021

Reviewed By/Date: George 30 NOV 2021



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