

Certificate of Analysis

Description: DMEM
(Dulbecco's Modification of Eagle's Medium)
with 4.5g/L glucose
without L-glutamine, sodium pyruvate,
phenol red & sodium bicarbonate

Prepares 10 L at 12.78 g/L

Catalog #: 90-013-PB
Lot #: 10019006
Expiration Date: 2021-11
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 ₃)	6.5 ± 0.5	6.2
pH (after adjustment with NaHCO ₃)	7.8 ± 0.5	7.8
Osmolality (before adjustment with NaHCO ₃)	For Information Only	252 mOsm/kg H ₂ O
Osmolality (after adjustment with NaHCO ₃)	335 ± 30 mOsm/kg H ₂ O	324 mOsm/kg H ₂ O
Particle Size	≥ 90% at 212 micron	99% at 212 micron
Solubility	Pass	Pass
Moisture	≤ 1.50%	0.56%
Endotoxin	≤ 0.25 EU/mL @ FW	<0.0010 EU/mL @ FW
Mycoplasma	Tested Negative	Negative
Cell Line		
Vero (Cellgrowth)	Pass	Pass
PRK (Cellgrowth)	Pass	Pass
NG-108 (Cellgrowth)	Pass	Pass
LM (Plating Efficiency)	Pass	Pass
Bioburden	Test & Report	0 CFU/g

For further information, contact Corning Scientific Support at 800-492-1110 or 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: Christy Stewart 03 MAY 2019 Reviewed By/Date: George 03 MAY 2019

CORNING

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