

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 #: 08517015
Expiration Date: 12/19
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 IVD Use. Not for Human Therapeutic Use. 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	247 mOsm/kg H ₂ O
Osmolality (after adjustment with NaHCO ₃)	335 ± 30 mOsm/kg H ₂ O	317 mOsm/kg H ₂ O
Particle Size	≥ 90% at 212 micron	99% at 212 micron
Solubility	Pass	Pass
Moisture	≤ 1.50%	0.81%
Endotoxin	≤ 0.25 EU/mL @ FW	< 0.0011 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	50 CFU/g

For additional information on this Mediatech product, please contact our Technical Services department at (800) 235-5476 or via email at MTTechServ@corning.com.

Following signatures indicate the above material has met all quality specifications and has been reviewed by a Quality representative.

Written By/Date: *Jacques Stangor* 28 Mar 2017

Reviewed By/Date: *Jacques Stangor* / *JS* 28 Mar 2017

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