

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

Catalog #: 90-013-PB
Lot #: 18218007
Expiration Date: 05/21
Country of Manufacture: USA

Prepares 10 L at 12.78 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 IVD Use Only. 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	6.3
pH (after adjustment with NaHCO ₃)	7.8 ± 0.5	7.8
Osmolality (before adjustment with NaHCO ₃)	For Information Only	251 mOsm/kg H ₂ O
Osmolality (after adjustment with NaHCO ₃)	335 ± 30 mOsm/kg H ₂ O	321 mOsm/kg H ₂ O
Particle Size	≥ 90% at 212 micron	98% at 212 micron
Solubility	Pass	Pass
Moisture	≤ 1.50%	0.74%
Endotoxin	≤ 0.25 EU/mL @ FW	<0.0010 EU/mL @ FW
Mycoplasma	Tested Negative	Negative
Cell Line		
VERO(Cellgrowth)	Pass	Pass
MRC-5(Cellgrowth)	Pass	Pass
NG-108 (Cellgrowth)	Pass	Pass
LM (Plating Efficiency)	Pass	Pass
Bioburden	Test & Report	60 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: Rypha M. Miller 11JUL2018 Reviewed By/Date: George 14JUL2018



Mediatech, Inc.
A Corning Subsidiary
9345 Discovery Boulevard
Manassas, VA 20109
1-800-492-1110
www.cellgro.com