

Certificate of Analysis

Description: DMEM (Dulbecco's Modification of Eagle's Medium) with 4.5 g/L glucose without L-glutamine, sodium pyruvate, phenol red & sodium bicarbonate Prepares 10 L at 12.78 g/L	Catalog #: 90-013-PB Lot #: 05520008 Expiration Date: 2022-08
Storage: 2-8°C	Country of Manufacture: USA

Notes:

Mediatech, Inc. products are prepared by a validated aseptic sterile filtration process to ensure that all products comply with the industry's Sterility Assurance Level (SAL) of at least 10^{-3} (i.e. demonstrating that a product produced in this manner has no more than 1 random contaminant per 1000 units).

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	250 mOsm/kg H ₂ O
Osmolality (after adjustment with NaHCO ₃)	335 ± 30 mOsm/kg H ₂ O	321 mOsm/kg H ₂ O
Endotoxin	≤ 0.25 EU/ml @Fw	< 0.0010 EU/mL @ FW
Mycoplasma	Tested Negative	Negative
Particle Size	≥ 90% @ 212 micron	99% at 212 micron
Solubility	Pass	Pass
Moisture	≤ 1.50%	0.88%
Bioburden	Test & Report	1250 CFU/g
Cell Growth	Pass	Pass
VERO		
PRK		
NG-108		
Plating Efficiency	Pass	Pass
LM		

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:  19 Mar 2020 Reviewed By/Date:  19 MAR 2020



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