

Certificate of Analysis

Description: **DMEM**
(Dulbecco's Modification of Eagle's Medium)
 with 4.5 g/L glucose,
 L-glutamine & sodium pyruvate
 without sodium bicarbonate
 Prepares 50 L at 13.48 g/L

Catalog #: 50-003-PC
Lot #: 34021006
Expiration Date: 2024-07
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	258 mOsm/kg H ₂ O
Osmolality (after adjustment with NaHCO ₃)	335 ± 30 mOsm/kg H ₂ O	333 mOsm/kg H ₂ O
Endotoxin	≤ 0.25 EU/mL @ FW	0.0020 EU/mL @ FW
Mycoplasma	Tested Negative	Negative
Moisture	≤ 1.50%	0.776%
Bioburden	Test & Report	40 CFU/g
Particle Size	≥ 90% @212 micron	99% @ 212 micron
Solubility	Pass	Pass
Cell Growth	Pass	Pass
VERO		
PRK		
NS-1		

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: VA 05 JAN 2022

Reviewed By/Date: [Signature] 12 JAN 2022



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