

Certificate of Analysis

Description: DMEM

(Dulbecco's Modification of Eagles Medium)

with 4.5 g/L glucose & L-glutamine without sodium pyruvate & sodium bicarbonate

Prepares 50 L at 13.37 g/L

Catalog #: 50-013-PC

Lot #: 33223017

Expiration Date: 2026-08

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	6.1
pH (after adjustment with NaHCO ₃)	7.8 ± 0.5	7.7
Osmolality (before adjustment with NaHCO ₃)	For Information	256 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	< 0.0050 EU/mL @ FW
Mycoplasma	Tested Negative	Negative
Moisture	≤ 1.50%	0.887%
Bioburden	Test & Report	0 CFU/g
Particle Size	≥ 90% @ 212 micron	98% @ 212 micron
Solubility	Pass	Pass
Cytotoxicity	Pass	Pass

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: VL 09 DEC 2023

Reviewed By/Date: George 05 DEC 2023

CORNING

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