

## Certificate of Analysis

**Description: HEPES Buffer**  
1M Solution (238.3 mg/mL)

**Storage: 2-30°C**

**Catalog #:** 25-060-CI

**Lot #:** 32121007

**Expiration Date:** 2023-11

**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	7.2 ± 0.2 @ 20-25°C	7.2@ 22°C
Osmolality	252 ± 20 mOsm/kg H <sub>2</sub> O @ 1:5	252 mOsm/kg H <sub>2</sub> O @ 1:5
Endotoxin	≤ 0.25 EU/mL @ 1:100	< 0.0010 EU/mL @ 1:100
Mycoplasma	Tested Negative	Negative
Sterility	Pass	Pass
Cell Growth	Pass	Pass
MRC-5 (Toxicity)		
AE-1 (Toxicity)		

For further information, contact Corning Scientific Support at 800-492-1110 or [ScientificSupport@corning.com](mailto: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: traci ridenour 13DEC2021 Reviewed By/Date: George 15DEC2021



Mediatech, Inc.  
A Corning Subsidiary  
9345 Discovery Boulevard  
Manassas, VA 20109  
1-800-492-1110  
[www.corning.com](http://www.corning.com)