

Certificate of Analysis

Description: Ham's F-12 Medium (Modified) **Catalog #:** 50-040-PB
 With L-glutamine **Lot #:** 21015004
 Without sodium bicarbonate **Expiration Date:** 08/17
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 IVD Use. 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
Cell Line		
VERO (Cellgrowth)	Pass	Pass
PRK (Cellgrowth)	Pass	Pass
NG-108 (Cellgrowth)	Pass	Pass
LM (Plating Efficiency)	Pass	Pass
pH (before adjustment with NaHCO ₃)	6.5 ± 0.5	6.7
Osmolality (before adjustment with NaHCO ₃)	For Information	269 mOsm/Kg H ₂ O
pH (after adjustment with NaHCO ₃)	7.5 ± 0.5	7.6
Osmolality (after adjustment with NaHCO ₃)	290 ± 30 mOsm/Kg H ₂ O	296 mOsm/Kg H ₂ O
Endotoxin	≤ 0.25 EU/mL @ FW	<0.0011 EU/mL @ FW
Mycoplasma	Tested Negative	Negative
Moisture	≤ 1.5%	0.45%
Bioburden	Test & Report	360 CFU/gm
Particle Size	≥ 90% at 212 micron	100% at 212 micron
Solubility	Pass	Pass

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: *Eugene James* 31 Aug 2015 Reviewed By/Date: *[Signature]* 31 Aug 2015



Mediatech, Inc.
A Corning Subsidiary
9345 Discovery Boulevard
Manassas, VA 20109
Main (703) 471-5955
Customer Service (800) 235-5476
www.cellgro.com