

# Certificate of Analysis

**Description: Ham's F-12 Medium (Modified)  
with L-glutamine  
without sodium bicarbonate**

**Catalog #:** 50-040- PB  
**Lot #:** 50040030  
**Expiration Date:** 04/16  
**Country of Origin:** USA

**Prepares 10 L at 10.64 g/L**

**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 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 <sub>3</sub> )	6.5 ± 0.5	6.7
Osmolality (before adjustment with NaHCO <sub>3</sub> )	For Information	270 mOsm/Kg H <sub>2</sub> O
pH (after adjustment with NaHCO <sub>3</sub> )	7.5 ± 0.5	7.9
Osmolality (after adjustment with NaHCO <sub>3</sub> )	290 ± 30 mOsm/Kg H <sub>2</sub> O	294 mOsm/Kg H <sub>2</sub> O
Endotoxin	≤ 0.25 EU/mL @ FW	<0.0010 EU/mL @ FW
Mycoplasma	Tested Negative	Negative
Moisture	≤ 1.5%	0.66%
Bioburden	Test & Report	10 CFU/gm
Particle Size	≥ 90% at 212 micron	99% at 212 micron
Solubility	Pass	Pass

For detailed information on Mediatech, Inc. testing procedures, please contact our Technical Services department at (800) CELLGRO (235-5476) or via email at [MITechServ@corning.com](mailto:MITechServ@corning.com).

Written By/Date:  02 Jul 2013  
Quality Systems Department

Verified By/ Date:  05 JUL 2013