



CERTIFICATE OF ANALYSIS

Product Name: Ham's F-12 Medium
With L-Glutamine

MADE IN THE USA

Catalog Number: HFL04

Storage: 2 to 8°C

Manufacture Date: MAR-2017

Lot Number: 03171024

Expiration Date: 30-SEP-2018

Test	Specifications	Results
Appearance	Clear, Peach-Colored Solution	PASS
Sterility		
Aerobic	Negative	NEGATIVE
Anaerobic	Negative	NEGATIVE
pH (measured at ~ 22°C)	7.1 - 7.4	7.39
Osmolality	260 - 320 mM/Kg	314 mM/Kg
Endotoxin	≤ 1.0 EU/mL	< 0.1 EU/mL
<i>Endotoxin testing was performed using the LAL detection method.</i>		
Mycoplasma	Negative	NEGATIVE
<i>Mycoplasma test was performed using MycoAlert® Mycoplasma Detection Assay.</i>		
Animal Cell Culture		
Cell Growth Promotion	3 Passages	PASS
Viability	≥ 80%	> 90%
<i>Medium was supplemented with 10% FBS, then tested using CHO cells grown in a monolayer in a 5% CO₂ atmosphere.</i>		

This product was produced and tested in accordance with all relevant SOP's and meets or exceeds the quality standards established by Caisson Laboratories, Inc.

This product is intended for laboratory use only.

Prepared by:

Reviewed by:

Kurt Rieben

[Signature]

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Quality Control

4/10/2017

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