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CERTIFICATE OF ANALYSIS

Ham's F-12 Medium

*With L-Glutamine
Without Sodium Bicarbonate*

Catalog Number: HFP05
Lot Number: 07210001
MADE IN THE USA

Storage: 2° to 8°C
Manufacture Date: Jul-2021
Expiration Date: **31-Jul-2025**

Test	Specifications	Results
Appearance	Off-White to Orange Powder	Pass
Particle Size (100 mesh)	≥ 90 %	100 %
Solubility in Water	10.63 g/L in ≤ 30 Minutes	2 Minutes
Moisture Content	≤ 2 %	< 1 %
pH (<i>measured at 25°C</i>)		
Without NaHCO ₃	Record	6.71
With 1176 mg/L NaHCO ₃	Record	7.63
Osmolality		
Without NaHCO ₃	Record mM/Kg	290 mM/Kg
With 1176 mg/L NaHCO ₃	Record mM/Kg	320 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 %	> 85 %
<i>Medium was supplemented with 10 % FBS, adjusted to pH 7.30, 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:

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QC Technician

Reviewed by:

14-Jul-2021

BSE/TSE Declaration

To the present state of our knowledge we declare that this product does not contain any BSE/TSE AGENT. This declaration is given in good faith and no warranty express or implied with respect to quality and properties is made.