



CERTIFICATE OF ANALYSIS

Product Name: Iscove's Modified Dulbecco's Medium
With HEPES Buffer
Without L-Glutamine, Phenol Red, and Sodium Bicarbonate

MADE IN THE USA

Catalog Number: IMP05

Storage: 2 to 8°C

Manufacture Date: JUN-2017

Lot Number: 06170027

Expiration Date: 30-JUN-2021

Test	Specifications	Results
Appearance	Off-White to Light-Yellow Powder	PASS
Solubility (in H ₂ O)	17.07 g/L in ≤ 30 minutes	7 minutes
Moisture Content	≤ 2 %	< 1 %
Particle Size (100 mesh)	≥ 90 %	> 95 %
pH (<i>measured at ~22° C</i>)		
Without NaHCO ₃	Record	4.78
With 3024 mg/L NaHCO ₃	Record	6.92
Osmolality		
Without NaHCO ₃	Record mM/Kg	219 mM/Kg
With 3024 mg/L NaHCO ₃	Record mM/Kg	275 mM/Kg
Endotoxin	≤ 1.0 EU/mL	< 0.15 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, 292 mg/L L-Glutamine, and 3024 mg/L NaHCO₃, adjusted to pH 7.32, then tested using BHK 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
Quality Control

12-JUL-2017

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.