



CERTIFICATE OF ANALYSIS

Product Name: Dulbecco's Modified Eagle Medium
With High Glucose, Phenol Red, and Sodium Pyruvate
Without L-Glutamine and Sodium Bicarbonate

MADE IN THE USA

Catalog Number: DMP02

Storage: 2 to 8°C

Manufacture Date: JUN-2017

Lot Number: 06170014

Expiration Date: 30-JUN-2021

Test	Specifications	Results
Appearance	Off-White to Light-Orange Powder	PASS
Solubility (in H ₂ O)	12.90 g/L in ≤ 30 minutes	6 minutes
Moisture Content	≤ 2%	< 0.75%
Particle Size (100 mesh)	≥ 90%	> 90%
pH (<i>measured at ~22°C</i>)		
Without NaHCO ₃	Record	6.12
With 3700 mg/L NaHCO ₃	Record	7.72
Osmolality		
Without NaHCO ₃	Record mM/Kg	257 mM/Kg
With 3700 mg/L NaHCO ₃	Record mM/Kg	325 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, 3700 mg/L NaHCO₃, and 292 mg/L L-Glutamine, adjusted to pH 7.34, 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:

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.

Kurt Rieben
Quality Control

27-JUN-2017