



CERTIFICATE OF ANALYSIS

Product Name: Dulbecco's Modified Eagle Medium
With L-Glutamine
Without D-Glucose and Sodium Pyruvate

Catalog Number: DML29 Lot Number: 07131013

Test	Specifications	Results
Appearance	Clear, Red Solution	PASS
Sterility		
Aerobic	Negative	NEGATIVE
Anaerobic	Negative	NEGATIVE
pH	7.00 - 7.40	7.23
	<i>pH was taken at room temperature (~22 ° C).</i>	
Osmolality	300 - 360	310 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 %	≥ 80 %
	<i>Medium was supplemented with 10% FBS and 110 mg/L equivalent Sodium Pyruvate, then tested using BHK cells grown in a monolayer in a 5% CO₂ atmosphere.</i>	

QC Acceptance Date: Aug 2013

Expiration Date: Jan 2015

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.

Kurt Rieben
Quality Control

