



CERTIFICATE OF ANALYSIS

Product Name: William's Medium E
Without L-Glutamine

Catalog Number: WML01

Lot Number: 02161015

Test	Specifications	Results
Appearance	Clear, Red Solution	PASS
Sterility		
Aerobic	Negative	NEGATIVE
Anaerobic	Negative	NEGATIVE
pH (<i>pH was measured at ~ 22° C.</i>)	6.90 - 7.50	7.45
Osmolality	285 - 330 mM/Kg	288 mM/Kg
Endotoxin	≤ 1.0 EU/mL <i>Endotoxin testing was performed using the LAL detection method.</i>	< 0.1 EU/mL
Mycoplasma	Negative <i>Mycoplasma test was performed using MycoAlert® Mycoplasma Detection Assay.</i>	NEGATIVE
Animal Cell Culture		
Cell Growth Promotion	3 Passages	PASS
Viability	≥ 80 %	> 85%
<i>Medium was supplemented with 10% FBS and 292 mg/L L- Glutamine, then tested using BHK cells grown in a monolayer in a 5% CO₂ atmosphere.</i>		

Manufacture Date: Feb 2016

Expiration Date: 28 Feb 2018

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.

Kurt Rieben 3-7-16
Quality Control