



CERTIFICATE OF ANALYSIS

Product Name: RPMI 1640 (1X Solution)
With L-Glutamine

Catalog Number: RPL03 Lot Number: 07151004

Test	Specifications	Results
Appearance	Clear, Red-Orange Solution	PASS
Sterility		
Aerobic	Negative	NEGATIVE
Anaerobic	Negative	NEGATIVE
pH (<i>pH was measured at ~ 22° C</i>).	6.90 - 7.40	7.09
Osmolality	264 - 294 mM/Kg	286 mM/Kg
Endotoxin	≤ 0.25 EU/mL	< 0.25 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, then tested using BHK cells grown in a monolayer in a 5% CO₂ atmosphere.</i>	

Manufacture Date: Jul 2015
Expiration Date: 31 Jan 2017

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 7-23-15
Quality Control