

**PRODUCT:** EMEM  
Minimum Essential Medium  
Without Calcium  
With 2X Pen/Strep, 2X Amino Acids, 2X Vitamins

**CATALOG#:** 112-039-101      **Size:** 500ml

**LOT#:** 723745

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### CERTIFICATE OF ANALYSIS

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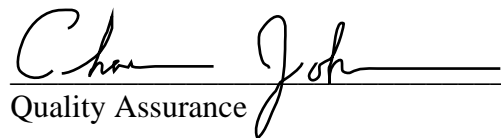
	<u>Range</u>	<u>Result</u>
<b>pH:</b>	7.2 – 7.6	7.597
<b>OSMOLALITY:</b>	285 - 315 mOsm/kg of water	303
<b>ENDOTOXIN:</b>	Test & Report	0.014 EU/ml
<b>MYCOPLASMA:</b>	Negative	pass
<b>APPEARANCE:</b>	Pink to a reddish-orange colored fluid.	pass
<b>STERILITY:</b>	No evidence of bacterial or fungal contamination after 14 days testing on fluid thioglycollate and Tryptic Soy broth.	pass
<b>CELL GROWTH:</b>	Grows mostly monolayer cells. Cells have been propagated for two consecutive passages with an average 3.0/4.0 fold increase in four days.	pass

**RECOMMENDED**

**STORAGE CONDITIONS:** 2 – 8°C

**MANUFACTURED DATE:** 4/2020

**EXPIRATION DATE:** 4/2022

  
Quality Assurance

4/27/2020

Date

**FOR RESEARCH USE ONLY**  
**NOT FOR IN-VITRO DIAGNOSTIC USE.**