



## CERTIFICATE OF ANALYSIS

Product Name:	Minimum Essential Medium Amino Acids Solution (50X) Without L-Glutamine	MADE IN THE USA
Catalog Number:	MEL27	Storage: 2 to 8°C
		Manufacture Date: MAY-2019
Lot Number:	05191014	Expiration Date: 31-MAY-2021

Test	Specifications	Results
Appearance	Clear, Colorless Solution	PASS
Sterility <i>(USP &lt;71&gt;)</i>		
Aerobes, Anaerobes, Fungi	Negative	NEGATIVE
pH <i>(measured at 24°C)</i>	Record	9.95
Osmolality	Record mM/Kg	385 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%	> 90%
	<i>EBL01 (Earle's Balanced Salts) was supplemented with 292 mg/L L-Glutamine, 1% MEL04 (100X MEM Vitamins), 2% MEL27, and 10% FBS, then tested using VERO cells grown in a monolayer in a 5% CO<sub>2</sub> 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:

Kurt Rieben  
Quality Control

29-MAY-2019

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.