



CERTIFICATE OF ANALYSIS

Product Name: Glasgow's Minimum Essential Medium With L-Glutamine and Tryptose Phosphate Broth Without Sodium Bicarbonate MADE IN THE USA

Catalog Number: GMP02 Storage: 2 to 8°C

Lot Number: 10180008 Manufacture Date: OCT-2018

Expiration Date: 31-OCT-2022

Test	Specifications	Results
Appearance	Off-White to Orange Powder	Pass
Solubility (in H ₂ O)	15.47 g/L in ≤ 30 minutes	18 minutes
Moisture Content	≤ 2%	< 1%
Particle Size (100 mesh)	≥ 90%	≥ 90%
pH <i>(measured at 25°C)</i>		
Without NaHCO ₃	6.75 - 7.25	7.01
With 2750 mg/L NaHCO ₃	7.25 - 7.75	7.50
Osmolality		
Without NaHCO ₃	260 - 310 mM/Kg	270 mM/Kg
With 2750 mg/L NaHCO ₃	315 - 365 mM/Kg	326 mM/Kg
Endotoxin	Record 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>Medium was supplemented with 10% FBS and 2750 mg/L NaHCO₃, adjusted to pH 7.34, then tested using BHK cells grown in a monolayer in a 5% CO₂ 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

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.