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## CERTIFICATE OF ANALYSIS

### Schneider's Insect Medium

*With L-Glutamine; Without Calcium Chloride and Sodium Bicarbonate*

Catalog Number: SCP01  
Lot Number: 02220002  
MADE IN THE USA

Storage: 2° to 8°C  
Manufacture Date: Feb-2022  
Expiration Date: **28-Feb-2026**

Test	Specifications	Results
Appearance	White to Off-White Powder	Pass
Visual Inspection	Product is Homogeneous	Pass
Solubility in Water	24.52 g/L in ≤ 30 minutes	30 Minutes, with heating
Moisture Content	≤ 5 %	< 2 %
Particle Size	90 % through 100 Mesh	≥ 90 %
pH ( <i>measured at 25°C</i> )		
Without NaHCO <sub>3</sub> & CaCl <sub>2</sub>	Record	4.30
With 400 mg/L NaHCO <sub>3</sub> & 600 mg/L CaCl <sub>2</sub>	Record	4.85
Osmolality		
Without NaHCO <sub>3</sub> & CaCl <sub>2</sub>	Record mM/Kg	282 mM/Kg
With 400 mg/L NaHCO <sub>3</sub> & 600 mg/L CaCl <sub>2</sub>	Record mM/Kg	296 mM/Kg
Endotoxin	Record EU/mL	0.445 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, compared to control	≥ 80 %	> 100 %
<i>Medium was supplemented with 10% heat-inactivated FBS, 0.1% Pluronic Acid, 400 mg/L NaHCO<sub>3</sub>, and 600 mg/L CaCl<sub>2</sub>, adjusted to pH 6.26, then tested using SF9 cells grown in suspension.</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  
QC Technician

15-Feb-2022

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.