

## Certificate of Quality

**Product Name:** Columbia CNA w/5% SB/Mac Biplate 100/PK  
**Lot Number:** 872009

**Product Number:** R02066  
**Expiration Date:** 2019-12-17  
 (YYYY-MM-DD)

This product has been manufactured, processed and packaged in accordance with Quality Systems Regulation, 21 CFR Part 820. Representative samples were tested per Remel Inc., a part of Thermo Fisher Scientific Quality Control specifications and were found to meet performance criteria for this product.

<b>Organism Challenge</b>	<b>ATCC</b>	<b>Performance Criteria</b>
<b>COLUMBIA CNA:</b>		
Enterococcus faecalis	29212	Good Growth
Staphylococcus aureus	25923	Good Growth
Streptococcus pneumoniae	6305	Good Growth, Alpha Hemolysis
Streptococcus pyogenes	19615	Good Growth, Beta Hemolysis
Escherichia coli	25922	No Growth
Proteus mirabilis	12453	No Growth
Pseudomonas aeruginosa	27853	No Growth

<b>MACCONKEY:</b>		
Escherichia coli	25922	Pink Colonies
Proteus mirabilis	12453	Clear Colonies, No Swarming
Proteus vulgaris	6380	Clear Colonies, No Swarming
Salmonella typhimurium	14028	Clear Colonies
Enterococcus faecalis	29212	No Growth
Staphylococcus aureus	25923	No Growth

<b>Physical Characteristics:</b>	
Appearance:	CNA: Red, Opaque Agar MacConkey: Pink, Clear Agar
pH @ 20-25°C:	CNA: 7.03 +/- 0.2 MacConkey: 7.1 +/- 0.2

**Microbial Load Evaluation:**

Manufactured lot has been statistically sampled. Samples were acceptable for microbial content and aesthetic value following a minimum of 72 hours at 33-37°C.

Signed  
  
 Quality Assurance Supervisor