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## Certificate of Analysis

Product Name: Peel Plate AC Aerobic Count

Lot Number: PP-AC-01A-132A  
PP-AC-01B-132A  
PP-AC-02A-132A  
PP-AC-02B-132A  
PP-AC-03A-132A  
PP-AC-04A-132A  
PP-AC-04B-132A  
PP-AC-05A-132A

Expiration Date: April 30, 2024

Order Code: PP-AC

Organism Tested	Performance Specification	Result
Naturally contaminated aerobes in multiple raw milk samples	No statistical difference from Standard Method Plate Count Agar (PCA, pour plate method) *	Pass

\*No statistical difference is determined by t-test of log count  $p > 0.01$  or by mean log difference from reference method not exceeding  $\pm 0.2$  log with lower 95% confidence not less than  $-0.5$  log and upper 95% confidence not greater than  $0.5$  log.

ISO 11133:2014 Performance Testing (at 32°C for 48 hours)

Organism Tested	Product Ratio Specification	Result
<i>Bacillus subtilis</i> ATCC 6633	$\geq 0.7$	Pass
<i>Escherichia coli</i> ATCC 8739	$\geq 0.7$	Pass
<i>Staphylococcus aureus</i> ATCC 25923	$\geq 0.7$	Pass

This product was quality tested and met Charm Sciences' quality control criteria for release for sale including performance and appearance specifications.

Name: David R. Legg  
Title: Vice President, Quality Assurance  
Date: 12/22/2022