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Certificate of Analysis

Product Name: Peel Plate AC Aerobic Count

Lot Number: PP-AC-01A-135
PP-AC-01B-135
PP-AC-02A-135
PP-AC-02B-135
PP-AC-03A-135
PP-AC-03B-135
PP-AC-04A-135
PP-AC-04B-135
PP-AC-05A-135
PP-AC-05B-135

Expiration Date: August 31, 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 ± 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	≥ 0.7	Pass
<i>Escherichia coli</i> ATCC 8739	≥ 0.7	Pass
<i>Staphylococcus aureus</i> ATCC 25923	≥ 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: 05/01/2023