



659 Andover Street
Lawrence, MA 01843-1032, USA
Tel: 1.978.687.9200 Fax: 1.978.687.9216

Certificate of Analysis

Product Name: Peel Plate Coliform Count

Lot Number: PP-CC-01A-044
PP-CC-01B-044
PP-CC-02A-044
PP-CC-02B-044
PP-CC-03A-044
PP-CC-03B-044
PP-CC-04A-044
PP-CC-04B-044
PP-CC-05A-044
PP-CC-05B-044

Expiration Date: October 31, 2024

Order Code: PP-CC

Performance Testing (at 32°C for 24 hours)

Organism Tested	Performance Specification	Result
Naturally contaminated coliforms in multiple raw milk samples	No statistical difference from reference method*	Pass
<i>Lactobacillus plantarum</i> ATCC 8014	No growth	Pass

* No statistical difference determined by t-test of log count $p > 0.01$ or by mean log difference from reference method, Violet Red Bile Agar (VRBA) 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 Testing¹ (at 32°C for 24 hours)

Organism Tested	Performance Specification	Result
<i>Escherichia coli</i> ATCC 8739	$P_R \geq 0.5^{**}$	Pass
<i>Enterococcus faecalis</i> ATCC 29212	No growth	Pass
<i>Pseudomonas aeruginosa</i> ATCC 27853	No growth	Pass

¹ For a full list of inclusivity and exclusivity organisms evaluated with this EC based formulation refer to AOAC certificate 061501

** Productivity Ratio of test and reference method, Violet Red Bile Agar (VRBA).

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: 06/30/2023

Nothing works like a Charm