



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 E. coli and Coliform Test

Lot Number: PP-EC-02A-069
PP-EC-02B-069

Expiration Date: August 31, 2024

Order Code: PP-EC

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 Testing (at 32°C for 24 hours)

Organism Tested	Performance Specification	Result
<i>Escherichia coli</i> ATCC 8739	$P_R \geq 0.5^{**}$	Pass
<i>Escherichia coli</i> ATCC 25922	$P_R \geq 0.5^{**}$	Pass
<i>Enterococcus faecalis</i> ATCC 19433	No growth	Pass
<i>Enterococcus faecalis</i> ATCC 29212	No growth	Pass
<i>Pseudomonas aeruginosa</i> ATCC 27853	No growth	Pass

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

For a full list of inclusivity and exclusivity organisms evaluated refer to AOAC-RI Performance Tested Method 061501.

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: 05/02/2023