


## Microbiologics Live Culture Certificate of Analysis Interpretation Guide

This guide describes the information provided on Microbiologics live culture product Certificates of Analysis (for example, KWIK-STIK™ 2-Pack, LYFO DISK™, and Epower™).


### Certificate of Analysis Interpretation

1. Base lot number
2. Number of passages the lot is from the reference culture
3. Expiration date of the lot
4. Primary media used to assess morphology and growth
5. Colony morphology on medium listed on Certificate of Analysis
6. Additional confirmatory tests performed and their results
7. Name of the ID system used (report will be attached). The ID system used has been validated to provide the most robust ID of the strain.
8. Disclaimer
9. VITEK 2 disclaimer for IDs performed with the VITEK 2 . Explanation of why the VITEK reactions may be different than those listed on the Certificate of Analysis due to the shortened incubation and procession time.
10. ISO 17034 accreditation stamp
11. ISO 17025 accreditation stamp
12. ATCC Licensed Derivative emblem



Certificate of Analysis: Lyophilized Microorganism Specification and Performance Upon Release

<b>Specifications</b> Microorganism Name: Escherichia coli Catalog Number: 0483 Lot Number: 483-826** (1) Reference Number: ATCC® 8739™* Purity: Pure Passage from Reference: 3 (2)	Expiration Date: 2020/6/30 (3) Release Information: Quality Control Technologist: Christine Condon Release Date: 2018/7/27
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<b>Macroscopic Features:</b> (5) Medium to large, gray, mucoid, convex. <b>Microscopic Features:</b> Gram negative straight rod.	<b>Performance</b> <b>Medium:</b> (4) SBAP <b>Method:</b> Gram Stain (1)
<b>ID System:</b> MALDI-TOF (1) (7) See attached ID System results document.	<b>Other Features/ Challenges: Results</b> (6) (1) Oxidase (Kovacs): negative Beta-glucuronidase (E. coli Broth w/MUG): positive  <div style="text-align: right;">                       Amanda Kuperus                      Quality Control Manager                      AUTHORIZED SIGNATURE                 </div>

\*\*Disclaimer: The last digit(s) of the lot number appearing on the product label and packing slip are merely a packaging event number. The lot number displayed on this certificate is the actual base lot number.

Note for Vitek®: Although the Vitek® panel uses many conventional tests, the unique environment of the card, combined with the short incubation period, may produce results that differ from published results obtained by other methods.

⚠ Refer to the enclosed product insert for instructions, intended use and hazard/safety information. (9)

Individual products are traceable to a recognized culture collection.

 (10)	 (12)
 (11)	<p style="font-size: x-small;">(*) The ATCC Licensed Derivative Emblem, the ATCC Licensed Derivative word mark and the ATCC catalog marks are trademarks of ATCC. Microbiologics, Inc. is licensed to use these trademarks and to sell products derived from ATCC® cultures.</p> <p style="font-size: x-small;">(1) These tests are accredited to ISO/IEC 17025:2005.</p>