

## **Certificate of Analysis for NR-17676**

## Escherichia coli, Strain F10018-41

## Catalog No. NR-17676

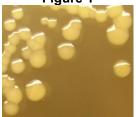
**Product Description:** Escherichia coli (E. coli), strain F10018-41, serotype O18ab:K-:H14, was isolated from the feces of a healthy human; it has been typed as an O18ab:K-:H14 strain.

Lot<sup>1</sup>: 61859936 Manufacturing Date: 18JUL2013

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis		
Cellular morphology	Gram-negative rods	Gram-negative rods
Colony morphology <sup>2</sup>	Report results	Circular, convex, entire, smooth and cream (Figure 1)
Motility (wet mount)	Report results	Motile
Analytical profile index (API <sup>®</sup> 20 E)	Consistent with E. coli	Consistent with E. coli
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 950 base pairs) Riboprinter® Microbial Characterization System	Consistent with <i>E. coli</i> Consistent with <i>E. coli</i>	Consistent with <i>E. coli</i> <sup>3</sup> Consistent with <i>E. coli</i>
PCR Assay of Extracted DNA PCR amplification of chromosomal borne virulence markers stx1 stx2	Report results Report results	Negative Negative
Viability (post-freeze) <sup>2</sup>	Growth	Growth

NR-17676 was produced by inoculation of the deposited material into Tryptic Soy broth and grown 24 hours at 37°C in an aerobic atmosphere. Broth inoculum was added to kolles which were grown 24 hours at 37°C in an aerobic atmosphere to produce this lot. Purity of this lot was assessed for 7 days under propagation conditions.

Figure 1



**Date:** 19 MAY 2015

Signature:

**BEI Resources Authentication** 

ATCC®, on behalf of BEI Resources, hereby represents and warrants that the material provided under this certificate has been subjected to the tests and procedures specified and that the results described, along with any other data provided in this certificate, are true and accurate to the best of ATCC®'s knowledge.

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<sup>&</sup>lt;sup>2</sup>24 hours at 37°C in an aerobic atmosphere on Tryptic Soy agar

<sup>&</sup>lt;sup>3</sup>Also consistent with *Shigella* species