

***Citrobacter portucalensis*, Strain 4\_7\_47CFAA**

**Catalog No. HM-299**

**Product Description:**

*Citrobacter portucalensis* (*C. portucalensis*), strain 4\_7\_47CFAA was isolated in 2007 from inflamed biopsy tissue taken from the sigmoid colon of a 25-year-old female patient with Crohn's disease in Calgary, Alberta, Canada. **Note:** Strain 4\_7\_47CFAA was previously classified as *Citrobacter freundii*.

**Lot: 70002700<sup>1,2</sup>**

**Manufacturing Date: 17FEB2017**

TEST	SPECIFICATIONS	RESULTS
<b>Phenotypic Analysis</b> Cellular morphology Colony morphology <sup>3</sup>  Motility (wet mount)	Gram-negative rod Report results  Report results	Gram-negative rod Circular, convex, entire, smooth and cream (Figure 1)  Motile
<b>Genotypic Analysis</b> Sequencing of 16S ribosomal RNA gene (~ 1440 base pairs)	≥ 99% identical to GenBank: ADLG01000001 ( <i>C. portucalensis</i> , strain 4_7_47CFAA)	99.6% identical to GenBank: ADLG01000001 ( <i>C. portucalensis</i> , strain 4_7_47CFAA)
<b>Purity (post-freeze)</b> Aerobic growth <sup>4</sup>  Aerobic growth with 5% CO <sub>2</sub> <sup>5</sup>	Growth consistent with expected colony morphology Growth consistent with expected colony morphology	Growth consistent with expected colony morphology Growth consistent with expected colony morphology
<b>Viability (post-freeze)<sup>3</sup></b>	Growth	Growth

<sup>1</sup>Quality control of HMP material is only performed to demonstrate that the material distributed by BEI Resources is identical to the deposited material. It should not be considered a complete characterization of the deposited organism.

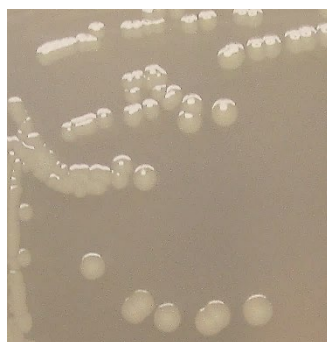
<sup>2</sup>*C. portucalensis*, strain 4\_7\_47CFAA was deposited by Assistant Professor Emma Allen-Vercoe, Department of Molecular and Cellular Biology, University of Guelph, Guelph, Ontario, Canada. HM-299 was produced by inoculation of BEI Resources HM-299 (lot 60058725) into Nutrient broth and grown for 1 day at 37°C in an aerobic atmosphere. Broth was then added to Nutrient agar kolles and incubated for 1 day at 37°C in an aerobic atmosphere to produce this lot.

<sup>3</sup>1 day at 37°C in an aerobic atmosphere on Nutrient agar

<sup>4</sup>Purity of this lot was assessed for 7 days at 37°C in an aerobic atmosphere on Tryptic Soy agar with 5% defibrinated sheep blood.

<sup>5</sup>Purity of this lot was assessed for 7 days at 37°C in an aerobic atmosphere with 5% CO<sub>2</sub> on Tryptic Soy agar with 5% defibrinated sheep blood.

**Figure 1: Colony Morphology**



/Heather Couch/

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Program Manager or designee, ATCC Federal Solutions

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