

***Enterococcus faecalis*, Strain CH19**

Catalog No. NR-31990

Product Description: *Enterococcus faecalis* (*E. faecalis*), strain CH19 was isolated in July 1987 from a wound culture at The Children’s Hospital, Boston, Massachusetts, USA. It is a β-lactamase-producing strain and is known to be resistant to erythromycin, kanamycin, penicillin and tetracycline and high levels of gentamicin and streptomycin.

Lot¹: 70016193

Manufacturing Date: 14JUN2018

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology Colony morphology ² Hemolysis on blood agar ³ Motility (wet mount) VITEK [®] MS (MALDI-TOF)	Gram-positive cocci Report results Non-hemolytic Report results <i>E. faecalis</i>	Gram-positive cocci Circular, convex, entire, smooth and cream (Figure 1) Non-hemolytic Non-motile <i>E. faecalis</i> (99.9%)
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 1500 base pairs)	≥ 99% sequence identity to <i>E. faecalis</i> , strain CH19 (GenBank: AJBF01000018.1)	100% sequence identity to <i>E. faecalis</i> , strain CH19 (GenBank: AJBF01000018.1) ⁴
Purity (post-freeze)⁵	Growth consistent with expected colony morphology	Growth consistent with expected colony morphology
Viability (post-freeze)²	Growth	Growth

¹*E. faecalis*, strain CH19 was deposited by Michael S. Gilmore, Ph.D., Sir William Osler Professor of Ophthalmology, Department of Ophthalmology, Massachusetts Eye and Ear Infirmary, Boston, Massachusetts, USA. NR-31990 lot 70016193 was produced by inoculation of BEI Resources NRS-31990 lot 61913297 into Brain Heart Infusion broth and incubated for 1 day at 37°C in an aerobic atmosphere. Broth inoculum was added to Brain Heart Infusion agar kolles, which were grown 1 day at 37°C in an aerobic atmosphere to produce this lot.

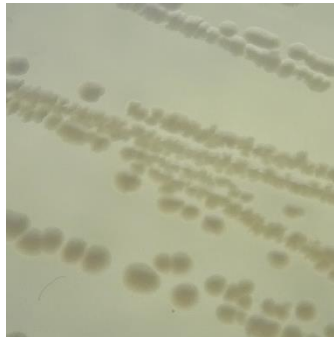
²1 day at 37°C in an aerobic atmosphere with Brain Heart Infusion agar

³1 day at 37°C in an aerobic atmosphere on Tryptic Soy agar with 5% defibrinated sheep blood

⁴Also consistent with *E. faecium* and *E. rivorum*

⁵Purity of this lot was assessed for 7 days at 37°C in an aerobic atmosphere with 5% CO₂ on Brain Heart Infusion agar.

Figure 1: Colony Morphology



/Heather Couch/

Heather Couch

07 SEP 2018

Program Manager or designee, ATCC Federal Solutions

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.

ATCC® is a trademark of the American Type Culture Collection.

You are authorized to use this product for research use only. It is not intended for human use.

