b|e|i RESOURCES
SUPPORTING INFECTIOUS DISEASE RESEARCH

Certificate of Analysis for HM-1257

Clostridiales bacterium, Strain KA00134

Catalog No. HM-1257

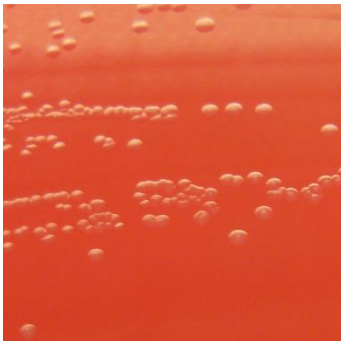
Product Description: Clostridiales bacterium, strain KA00134 is a vaginal isolate obtained in 2012 from a woman with bacterial vaginosis in Washington, USA.

Lot[1,2]: 70011133 **Manufacturing Date: 16DEC2017**

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis		
Cellular morphology	Gram-negative rod	Gram-negative rod
Colony morphology[3]	Report results	Circular, low convex, entire, smooth and gray (Figure 1)
Motility (wet mount)	Report results	Non-motile
Genotypic Analysis		
Sequencing of 16S ribosomal RNA gene (~780 base pairs)	100% sequence identity to Clostridiales bacterium, strain KA00134 (GenBank: LTAF01000007.1)	100% sequence identity to Clostridiales bacterium, strain KA00134 (GenBank: LTAF01000007.1)
Purity (post-freeze)		
Anaerobic growth[4]	Consistent with expected colony morphology	Consistent with expected colony morphology
Aerobic growth[5]	No growth	No growth
Viability (post-freeze)[3]	Growth	Growth

[1]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.
[2]Clostridiales bacterium, strain KA00134 was deposited by David N. Fredericks, M.D., Principal Investigator, Division of Vaccine and Infectious Disease, Fred Hutchinson Cancer Research Center, Seattle, Washington, USA. The deposited material was inoculated into Modified Reinforced Clostridial broth and incubated for 3 days at 37°C in an anaerobic atmosphere (< 5% O_2; Remel™ Pack-Anaero™). Broth inoculum was added to Brucella agar with hemin (5 µg/mL) and vitamin K1 (10 µg/mL) supplemented with 5% defibrinated sheep blood and grown for 2 days at 37°C in an anaerobic atmosphere to produce this lot.
[3]2 days at 37°C in an anaerobic atmosphere on Brucella agar with hemin (5 µg/mL) and vitamin K1 (10 µg/mL) supplemented with 5% defibrinated sheep blood
[4]Purity of this lot was assessed for 15 days at 37°C in an anaerobic atmosphere on Tryptic Soy agar with 5% defibrinated sheep blood.
[5]Purity of this lot was assessed for 15 days at 37°C in an aerobic atmosphere with 5% CO_2 on Tryptic Soy agar with 5% defibrinated sheep blood.

Figure 1: Colony Morphology



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Certificate of Analysis for HM-1257

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Date: 2018.06.08 12:11:25 -04'00'

08 JUN 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.

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