b|e|i RESOURCES
SUPPORTING INFECTIOUS DISEASE RESEARCH

Certificate of Analysis for HM-891

Streptococcus sp., Strain ACS2

Catalog No. HM-891

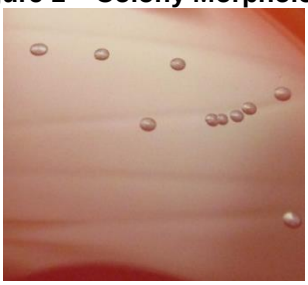
Product Description: *Streptococcus* sp., strain ACS2 is a human oral isolate.

Lot[1,2]: 63529442 **Manufacturing Date: 03JUN2015**

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis		
Cellular morphology	Gram-positive cocci	Gram-positive cocci
Colony morphology[3]	Report results	Circular, convex, entire, smooth and gray (Figure 1)
Motility (wet mount)	Report results	Non-motile
Genotypic Analysis		
Sequencing of 16S ribosomal RNA gene (~ 1490 base pairs)	≥ 99% identical to GenBank: JALT01000037 (*Streptococcus* sp., strain ACS2)	≥ 99.9% identical to GenBank: JALT01000037 (*Streptococcus* sp., strain ACS2)
Purity (post-freeze)[4]	Growth consistent with *Streptococcus* sp.	Growth consistent with *Streptococcus* sp.
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]*Streptococcus* sp., strain ACS2 was deposited by Maria V. Sizova, Ph.D., Department of Biology, Northeastern University, Boston, Massachusetts, USA. HM-891 was produced by inoculation of the deposited material into Tryptic Soy broth and incubated for 1 day at 37°C in an aerobic atmosphere with 5% CO_2. Broth inoculum was added to Tryptic Soy agar with 5% defibrinated sheep blood kolles for 1 day at 37°C in an aerobic atmosphere with 5% CO_2 to produce this lot.
[3]1 day at 37°C on Tryptic Soy agar with 5% defibrinated sheep blood in an aerobic atmosphere with 5% CO_2
[4]Purity of this lot was assessed for 7 days on Tryptic Soy agar with 5% defibrinated sheep blood in an aerobic atmosphere with 5% CO_2.

Figure 1 – Colony Morphology



Date: 09 JUL 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.

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.

BEI Resources
www.beiresources.org
E-mail: contact@beiresources.org
Tel: 800-359-7370
Fax: 703-365-2898