

## **Certificate of Analysis for HM-895**

## Veillonella sp., Strain AS16

Catalog No. HM-895

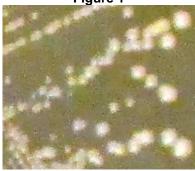
Product Description: Veillonella sp., strain AS16 is a human oral isolate.

Lot<sup>1,2</sup>: 63140937 Manufacturing Date: 22JAN2015

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis		
Cellular morphology	Gram-negative cocci	Gram-negative cocci
Colony morphology <sup>3</sup>	Report results	Circular, convex, entire, opaque, smooth and cream (Figure 1)
Motility (wet mount)	Report results	Non-motile
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 1430 base pairs)	≥ 99% identical to GenBank: AZYX01000006 ( <i>Veillonella</i> sp., strain AS16)	≥ 99% identical to GenBank: AZYX01000006 ( <i>Veillonella</i> sp., strain AS16)
Purity (post-freeze) Anaerobic growth <sup>4</sup> Aerobic growth <sup>5</sup>	Growth consistent with <i>Veillonella</i> sp. No growth	Growth consistent with <i>Veillonella</i> sp. No growth
Viability (post-freeze) <sup>3</sup>	Growth	Growth

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.

Figure 1



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<sup>&</sup>lt;sup>2</sup> Veillonella sp., strain AS16 was deposited by Maria V. Sizova, Ph.D., Department of Biology, Northeastern University, Boston, Massachusetts, USA. HM-895 was produced by inoculation of the deposited material into Reinforced Clostridial medium with sodium lactate and incubated for 73 hours at 37°C in anaerobic atmosphere (< 0.5% O₂; Remel™ Pack-Anaero™). The material from the initial growth was passaged once in Reinforced Clostridial medium with sodium lactate agar kolles for 71 hours at 37°C in an anaerobic atmosphere (90% N₂: 5% CO₂: 5% H₂) to produce this lot.

<sup>&</sup>lt;sup>3</sup>75 hours at 37°C in an anaerobic atmosphere (< 0.5% O₂; Remel™ Pack-Anaero™) on Reinforced Clostridial medium with sodium lactate agar <sup>4</sup>Purity of this lot was assessed for 7 days on Reinforced Clostridial medium with sodium lactate agar at 37°C in an anaerobic atmosphere.

<sup>&</sup>lt;sup>5</sup>Purity of this lot was assessed for 75 hours on Reinforced Clostridial medium with sodium lactate agar at 37°C in an aerobic atmosphere with 5% CO<sub>2</sub>.



## **Certificate of Analysis for HM-895**

Date: 23 MAR 2015 Signature:

**Title:** Technical Manager, BEI Authentication or designee

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