

Streptococcus sp., Strain BS29a

Catalog No. HM-887

Product Description: *Streptococcus* sp., strain BS29a is a human dental plaque isolate.

Lot^{1,2}: 63529434

Manufacturing Date: 28MAY2015

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology Colony morphology ³ Hemolysis ³ Motility (wet mount)	Gram-positive cocci Report results Report results Report results	Gram-positive cocci Circular, raised, entire and smooth (Figure 1) α-hemolytic Non-motile
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 1410 base pairs)	≥ 99% identical to GenBank: AZYV01000012.1 (<i>Streptococcus</i> sp., strain BS29a)	≥ 99% identical to GenBank: AZYV01000012.1 (<i>Streptococcus</i> sp., strain BS29a)
Purity (post-freeze)⁴	Growth consistent with <i>Streptococcus</i> sp.	Growth consistent with <i>Streptococcus</i> sp.
Viability (post-freeze)³	Growth	Growth

¹Quality 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 BS29a was deposited by Maria V. Sizova, Ph.D., Department of Biology, Northeastern University, Boston, Massachusetts, USA. The deposited material was inoculated into Tryptic Soy broth and incubated for 1 day at 37°C in an aerobic atmosphere with 5% CO₂. Broth inoculum was added to Tryptic Soy agar with 5% defibrinated sheep blood kolles which were grown for 1 day at 37°C in an aerobic atmosphere with 5% CO₂ to produce this lot.

³1 day on Tryptic Soy agar with 5% defibrinated sheep blood at 37°C in an aerobic atmosphere with 5% CO₂

⁴Purity of this lot was assessed for 7 days on Tryptic Soy agar with 5% defibrinated sheep blood at 37°C in an aerobic atmosphere with 5% CO₂.

Figure 1: Colony Morphology



Date: 23 JUL 2015

Signature: 

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