

***Streptococcus salivarius*, Strain SK126**

**Catalog No. HM-121**

**Product Description:**

*Streptococcus salivarius* (*S. salivarius*), strain SK126 was isolated from normal skin of the right arm of a 47-year-old woman. HM-121 was produced by the inoculation of BEI Resources seed lot 59980222 into Brain Heart Infusion broth and incubated for 1 day at 37°C in an aerobic atmosphere with 5% CO<sub>2</sub>. 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% CO<sub>2</sub> to produce this lot. Quality control testing was completed under propagation conditions unless otherwise noted.

Note: 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.

**Lot: 70042729**

**Manufacturing Date: 24FEB2021**

TEST	SPECIFICATIONS	RESULTS
<b>Phenotypic Analysis</b> Cellular morphology Colony morphology 1 day at 37°C in an aerobic atmosphere with 5% CO <sub>2</sub> on Tryptic Soy agar with 5% defibrinated sheep blood  Hemolysis Motility (wet mount) <b>Genotypic Analysis</b> Sequencing of 16S ribosomal RNA gene (~ 1480 base pairs)	Report results Report results  Report results Report results ≥ 99% sequence identity to <i>S. salivarius</i> , strain SK126 (GenBank: ACLO01000035.1)	Gram-positive cocci Circular, convex, entire, smooth and cream (Figure 1)  Alpha-hemolytic Non-motile 99.9% sequence identity to <i>S. salivarius</i> , strain SK126 (GenBank: ACLO01000035.1) <sup>1</sup>
<b>Purity (post-freeze)</b> 7 days at 37°C in an aerobic atmosphere with 5% CO <sub>2</sub> on Tryptic Soy agar with 5% defibrinated sheep blood	Growth consistent with expected colony morphology	Growth consistent with expected colony morphology
<b>Viability (post-freeze)</b>	Growth	Growth

<sup>1</sup>Also consistent with other *Streptococcus* species

**Figure 1: Colony Morphology**



/Heather Couch/

Heather Couch

18 OCT 2021

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.

