

***Streptococcus agalactiae*, Strain FSL S3-586**

Catalog No. NR-30580

Product Description: *Streptococcus agalactiae* (*S. agalactiae*), strain FSL S3-586 was isolated in March 2001 from a quarter milk sample collected from a dairy cow with mastitis in Wayne County, New York, USA.

Lot¹: 63527612

Manufacturing Date: 20MAY2015

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology Colony morphology ² Hemolysis on blood agar ³ Motility (wet mount) Biochemical tests: Catalase VITEK [®] MS (MALDI-TOF)	Gram-positive cocci Report results Report results Report results Negative Consistent with <i>S. agalactiae</i>	Gram-positive cocci Circular, low convex, entire, smooth and cream (Figure 1) β-hemolytic Non-motile Negative Consistent with <i>S. agalactiae</i>
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 1490 base pairs)	Consistent with <i>S. agalactiae</i>	Consistent with <i>S. agalactiae</i> ⁴
Purity (post-freeze)⁵	Growth consistent with <i>S. agalactiae</i>	Growth consistent with <i>S. agalactiae</i>
Viability (post-freeze)²	Growth	Growth

¹NR-30580 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% CO₂. Broth inoculum was added to Tryptic Soy agar kolles which were grown 1 day under propagation conditions to produce this lot.

²1 day on Tryptic Soy agar under propagation conditions

³1 day on Tryptic Soy agar with 5% defibrinated sheep blood under propagation conditions

⁴Also consistent with *Streptococcus difficilis*

⁵Purity of this lot was assessed for 7 days on Tryptic Soy agar under propagation conditions.

Figure 1



Date: 21 JUL 2015

Signature:

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