

***Streptococcus agalactiae*, Strain MRI Z1-012**
Catalog No. NR-40335
Product Description: *Streptococcus agalactiae* (*S. agalactiae*), strain MRI Z1-012 was isolated from a bulk tank of bovine milk.

Lot¹: 63527616
Manufacturing Date: 28MAY2015

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

¹NR-40335 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 for 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 diffcilis*
⁵Purity of this lot was assessed for 7 days on Tryptic Soy agar under propagation conditions.

Figure 1: Colony Morphology

Date: 31 JUL 2015
Signature:
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