

## **Certificate of Analysis for NR-36673**

## Streptococcus agalactiae, Strain MRI Z1-205

Catalog No. NR-36673

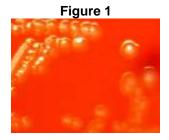
**Product Description:** Streptococcus agalactiae (S. agalactiae), strain MRI Z1-205 was isolated in 1999 from a dog (Canis familiaris) in Scotland, United Kingdom.

Lot<sup>1</sup>: 62449205 Manufacturing Date: 21MAR2014

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis		
Cellular morphology	Gram-positive cocci	Gram-positive cocci
Colony morphology <sup>2</sup>	Report results	Circular, low convex, entire, smooth and gray (Figure 1)
Hemolysis on blood agar <sup>2</sup>	Report results	β-hemolytic
Motility (wet mount)	Non-motile	Non-motile
Vitek <sup>®</sup> Mass Spectrometry (MALDI-TOF) Biochemical tests:	Consistent with S. agalactiae	Consistent with S. agalactiae
Analytical profile index (API® 20 STREP)	Consistent with S. agalactiae	Consistent with S. agalactiae <sup>3</sup>
Catalase	Negative	Negative
Genotypic Analysis		
Sequencing of 16S ribosomal RNA gene (885 base pairs)	Consistent with S. agalactiae	Consistent with S. agalactiae
Viability (post-freeze) <sup>2</sup>	Growth	Growth

<sup>&</sup>lt;sup>1</sup>S. agalactiae, strain MRI Z1-205 was deposited by Geoffrey Foster, PhD, Veterinary Services, Scottish Agricultural College, Inverness, United Kingdom. NR-36673 was produced by inoculation of the deposited material into Todd-Hewitt broth and incubated for 22 hours at 37°C in an aerobic atmosphere with 5% CO<sub>2</sub>. Broth inoculum was added to Tryptic Soy agar with 5% sheep blood kolles which were grown 24 hours at 37°C to produce this lot. Purity of this lot was assessed for 7 days under propagation conditions.

<sup>&</sup>lt;sup>3</sup>bioMérieux recommends additional serological tests to confirm the results obtained using API<sup>®</sup> 20 STREP.



Date: 07 MAY 2014

Signature:

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

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<sup>&</sup>lt;sup>2</sup>24 hours at 37°C in an aerobic atmosphere with 5% CO<sub>2</sub> on Tryptic Soy agar with 5% sheep blood