

Certificate of Analysis for NR-36667

Streptococcus agalactiae, Strain MRI Z1-199

Catalog No. NR-36667

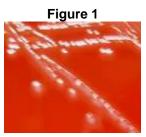
Product Description: Streptococcus agalactiae (S. agalactiae), strain MRI Z1-199 was isolated on December 6, 2002, from a gray seal (Halichoerus grypus) in Scotland.

Lot¹: 62311947 Manufacturing Date: 24JAN2014

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis		
Cellular morphology	Gram-positive cocci	Gram-positive cocci
Colony morphology ²	Report results	Circular, low convex, entire, smooth and gray (Figure 1)
Hemolysis on blood agar ²	Report results	β-hemolytic
Motility (wet mount)	Non-motile	Non-motile
Biochemical tests:		
Analytical profile index (API® 20 STREP)	Consistent with S. agalactiae	Consistent with S. agalactiae ³
Catalase	Negative	Negative
Genotypic Analysis		
Sequencing of 16S ribosomal RNA gene (~ 890 base pairs)	Consistent with S. agalactiae	Consistent with S. agalactiae ⁴
Riboprinter® Microbial Characterization System	Consistent with S. agalactiae	Consistent with S. agalactiae
Viability (post-freeze) ²	Growth	Growth

¹S. agalactiae, strain MRI Z1-199 was deposited by Geoffrey Foster, PhD, Veterinary Services, Scottish Agricultural College, Inverness, United Kingdom. NR-36667 was produced by inoculation of the deposited material into Todd-Hewitt broth and incubated for 21 hours at 37°C in an aerobic atmosphere with 5%CO₂. Broth inoculum was added to Tryptic Soy agar with 5% sheep blood kolles which were grown 26 hours at 37°C to produce this lot. Purity of this lot was assessed for 7 days under propagation conditions.

⁴≥ 99% identical to GenBank: ANEH01000002 (S. agalactiae, strain MRI Z1-199)



Date: 08 APR 2014

Signature:

Title: Technical Manager, BEI Authentication or designee

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.

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²24 hours at 37°C in an aerobic atmosphere with 5%CO₂ on Tryptic Soy agar with 5% sheep blood

³bioMérieux recommends additional serological tests to confirm the results obtained using API[®] 20 STREP.