

***Gemella haemolysans*, Strain M341**

Catalog No. HM-239

Product Description: *Gemella haemolysans* (*G. haemolysans*), strain M341 was isolated from expectorated sputum from a 19-year-old male patient with cystic fibrosis.

Lot^{1,2}: 59925944

Manufacturing Date: 24JUN2011

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology Colony morphology ³ Hemolysis on blood agar ³	Gram-positive cocci Report results Report results	Gram-positive cocci Circular, entire, shiny and white (Figure 1) α-hemolytic
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 1400 base pairs) ⁴	Consistent with <i>G. haemolysans</i>	Consistent with <i>G. haemolysans</i> ⁵
Viability (post-freeze)³	Growth	Growth

¹Quality 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.

²*G. haemolysans*, strain M341 was deposited by Professor Michael G. Surette, Department of Microbiology and Infectious Diseases, University of Calgary, Alberta, Canada. The deposited material was inoculated into Brain Heart Infusion Broth and grown 48 hours at 37°C and 5% CO₂. Broth inoculum was added to Kolles which were grown 48 hours at 37°C and 5% CO₂ to produce this lot.

³48 hours at 37°C and 5% CO₂ on Tryptic Soy Agar with 5% defibrinated sheep blood

⁴The sequence obtained for HM-239 could only be compared with published sequences. No 16S sequence was provided by the depositor, therefore, a direct comparison could not be performed.

⁵Also consistent with other *Gemella* species

Figure 1



Date: 07 NOV 2011

Signature:

Title: Technical Manager, BEI Authentication or designee

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