

## ***Streptococcus pneumoniae*, Strain SPEC19F**

**Catalog No. NR-13399**

**Product Description:** The antibiotic-resistant variant *Streptococcus pneumoniae* (*S. pneumoniae*), SPEC19F was derived from human wild-type *S. pneumoniae*, strain DS2217-94 by natural selection using increasing concentrations of spectinomycin.

**Lot<sup>1</sup>: 20090205**

**Manufacturing Date: 05FEB2009**

TEST	SPECIFICATIONS	RESULTS
<b>Phenotypic Analysis</b> Colony morphology on blood agar α-hemolysis	Consistent with <i>S. pneumoniae</i> α-hemolytic	Consistent with <i>S. pneumoniae</i> α-hemolytic
<b>Antibiotic Resistance</b> Spectinomycin	Resistant	Resistant

<sup>1</sup>Produced, vialled and tested by the contractor.

**Date:** 12 MAY 2009

**Signature:** Signature on File

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

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