

## **Certificate of Analysis for NR-13390**

## Streptococcus pneumoniae, Strain OREP4

## Catalog No. NR-13390

**Product Description:** The antibiotic-resistant variant *Streptococcus pneumoniae* (*S. pneumoniae*), OREP4 was derived from human wild-type *S. pneumoniae*, strain DS2382-94 by natural selection using increasing concentrations of optochin.

Lot<sup>1</sup>: 20090115 Manufacturing Date: 15JAN2009

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

<sup>&</sup>lt;sup>1</sup>Produced, vialed and tested by the contractor.

**Date:** 12 MAY 2009 **Signature:** Signature on File

**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 by the contractor 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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