

## **Bacillus circulans, Strain Ford 26**

### **Catalog No. NR-681**

(Derived from ATCC® 4513™)

**Product Description:** *Bacillus circulans* (*B. circulans*) is a rod-shaped, heat resistant bacterium that is ubiquitous in soil. It has been incriminated in human infections including septicemia, mixed abscess infections, and wound infections.

**Lot<sup>1</sup>: 4003662**

**Manufacturing Date: 24JAN2005**

TEST	SPECIFICATIONS	RESULTS
<b>Phenotypic Analysis</b> Cellular morphology Colony morphology <sup>2</sup> Sporulation Motility Anaerobic β-Hemolytic Biochemical Analyses: Nitrate reduction Arginine dihydrolase Trehalose Salicin Glycogen Glycerol Analytical profile index (API® 50 CHB) FAME	Gram-positive Report results Positive Motile Positive Report results  Negative Report results Positive Positive Positive Report results Consistent with <i>Bacillus</i> Consistent with <i>B. circulans</i>	Gram-positive Slightly irregular, erose, translucent Positive Motile Positive Positive  Negative Negative Positive Positive Positive Positive Consistent with <i>Bacillus</i> Consistent with <i>B. circulans</i>
<b>Genotypic Analysis</b> Sequencing of 16S ribosomal RNA gene (~ 560 bps)	Consistent with <i>B. circulans</i>	Consistent with <i>B. circulans</i>
<b>Viability (post-vialing)<sup>3</sup></b>	Growth	Growth

<sup>1</sup>NR-681 was produced by propagation of ATCC® 4513™ (Lot: 3749353) in Tryptic Soy Broth (BD 211825) for 24 hours at 30°C.

<sup>2</sup>24 hours at 30°C on Tryptic Soy Agar (BD 236950)

<sup>3</sup>24 hours at 30°C in Tryptic Soy Broth

**Date:** 20 OCT 2008

**Signature:** Signature on File

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

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