

Campylobacter jejuni subsp. *jejuni*, Strain AS-84-79

Catalog No. NR-4081

(Derived from ATCC® 33292™)

Product Description: *Campylobacter jejuni* is a Gram-negative, slender, curved, motile rod commonly found in animal feces. It is a microaerophilic organism that is very sensitive to environmental stresses.

Lot¹: 7731410

Manufacturing Date: 11JAN2007

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis² Cellular morphology Colony morphology ³ Biochemical tests Oxidase Catalase Urease Nitrate reduction H ₂ S production Hippurate hydrolysis Antibiotic susceptibility Nalidixic acid Cephalothin Viability (25°C, 5 days) Viability (42°C, 5 days) FAME	Gram-negative rod Report results Positive Positive Negative Positive Negative Positive Sensitive ⁴ Resistant No growth Growth Consistent with <i>Campylobacter jejuni</i>	Gram-negative rod Circular, low convex, glistening Positive Positive Negative Positive Negative Positive Sensitive Resistant No growth Growth Consistent with <i>Campylobacter jejuni</i> ⁵
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 640 base pairs)	Consistent with <i>Campylobacter jejuni</i>	Consistent with <i>Campylobacter jejuni</i> ⁵
Viability (post-vialing)³	Growth	Growth

¹NR-4081 was produced by inoculation of ATCC® 33292™ (Lot 76681) into Brucella Broth (BD 211088) on Tryptic Soy Agar (BD 236950) with 5% defibrinated sheep blood Kille and incubated for 48 hours at 37°C in a microaerophilic (3–5% O₂ and 5% CO₂) atmosphere.

²Hunt, J. M., C. Abeyta, and T. Tran. Bacteriological Analytical Manual, 8th Edition, Revision A. U. S. Food and Drug Administration 1998. 26-04-2007 <<http://www.cfsan.fda.gov/~ebam/bam-7.html>>.

³48 hours at 37°C in a microaerophilic (3–5% O₂ and 5% CO₂) atmosphere on Tryptic Soy Agar (BD 236950) with 5% defibrinated sheep blood.

⁴Nalidixic acid-resistant *Campylobacter jejuni* have been reported.

⁵Also consistent with *Campylobacter coli*.

Date: 06 AUG 2007

Signature: Signature on File

Title: Technical Manager, BEI Authentication or designee

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