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SUPPORTING INFECTIOUS DISEASE RESEARCH

Certificate of Analysis for NR-125

Campylobacter jejuni subsp. *jejuni*, Strain CIP 702

Catalog No. NR-125
(Derived from ATCC® 33560™)

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.

Lot[1]: 3665663 **Manufacturing Date: 16APR2004**

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis[2]		
Cellular morphology	Gram-negative rod	Gram-negative rod
Colony morphology[3]	Report results	Gray, glistening
Biochemical tests		
Oxidase	Positive	Positive
Catalase	Positive	Positive
Urease	Negative	Negative
Nitrate reduction	Positive	Positive
H_2S production	Negative	Negative
Hippurate hydrolysis	Positive	Positive
Antibiotic susceptibility		
Nalidixic acid	Sensitive	Sensitive
Cephalothin	Resistant	Resistant
Viability (25°C, 5 days)	No growth	No growth
Viability (42°C, 5 days)	Growth	Growth
Genotypic Analysis		
Sequencing of 16S ribosomal RNA gene (~ 480 base pairs)	Consistent with *Campylobacter jejuni* subsp. *jejuni*	Consistent with *Campylobacter jejuni* subsp. *jejuni* [4]
Viability (post-vialing)[3]	Growth	Growth

[1]NR-125 was produced by inoculation of ATCC® 33560™ (Lot: 3617718) into Tryptic Soy Broth (BD 211824) and incubated for 24 hours at 37°C in a microaerophilic (3–5% O_2 and 5% CO_2) atmosphere.
[2]Snelling, W. J., et al. "*Campylobacter jejuni*." Lett. Appl. Microbiol. 41 (2005): 297–302. PubMed: 16162134.
[3]24 hours at 37°C in a microaerophilic (3–5% O_2 and 5% CO_2) atmosphere on Tryptic Soy Agar (BD 236950) with 5% defibrinated sheep blood.
[4]Also consistent with other *Campylobacter* species.

Date: 07 MAY 2008 **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 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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