

Certificate of Analysis for NR-32888

Clostridium difficile, Strain P8

Catalog No. NR-32888

Product Description: Clostridium difficile (C. difficile), strain P8 is a toxigenic strain obtained in 2001 from fecal material of a human patient with a C. difficile infection in western Pennsylvania, USA.

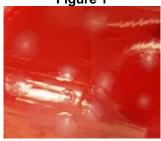
Lot¹: 62082908 Manufacturing Date: 25OCT2013

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis		
Cellular morphology	Gram-positive rods	Gram-positive rods
Colony morphology ²	Report results	Irregular, flat, lobate, opaque and gray (Figure 1)
Hemolysis ²	Report results	Non-hemolytic
Biochemical tests:		-
Remel RapID™ ANA II Panel	Consistent with C. difficile	Consistent with C. difficile
Esculin hydrolysis	Positive	Positive
Gelatin hydrolysis	Positive	Positive
Genotypic Analysis		
Sequencing of 16S ribosomal RNA gene (~ 1450 base pairs)	Consistent with C. difficile	Consistent with C. difficile
Viability (post-freeze) ²	Growth	Growth

¹NR-32888 was produced by inoculation of the deposited material into Modified Reinforced Clostridial medium and incubated for 47 hours at 37°C in an anaerobic atmosphere (80% N₂:20% CO₂). The material from the initial growth was passaged once in Modified Reinforced Clostridial medium at 37°C for 47 hours in an anaerobic atmosphere to produce this lot. Purity of this lot was assessed for 7 days under propagation conditions.

²48 hours at 37°C in an anaerobic atmosphere on Tryptic Soy agar with 5% defibrinated sheep blood





Date: 29 MAY 2014

Signature:

Title: Technical Manager, BEI Authentication or designee

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