

Name: ***Catenuloplanes castaneus***

Authors: Tamura et al. 1995

Status: New Species

Literature: Int. J. Syst. Bacteriol. 45:860

Risk group: 1 (German classification)

Type strain: IFO 15584, RA344, DSM 44708

Author(s) Tamura, T., Yokota, A., Huang, L. H., Hasegawa, T.,
Hatano, K.

Title Five new species of the genus *Catenuloplanes*:
Catenuloplanes niger sp. nov., *Catenuloplanes indicus* sp.
nov., *Catenuloplanes atrovinosus* sp. nov., *Catenuloplanes*
castaneus sp. nov., and *Catenuloplanes nepalensis* sp. nov.

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Catenuloplanes castaneus

Microplate with ISP- and Melanin media

Genus: *Catenuloplanes*

FH 2866

Species: *castaneus*

Numbers in other collections: IFO 15584

Author Tamura et al. 1995

Morphology:

	G	R
<u>ISP 2</u>	good	traffic orange
	A	SP
	none	sand yellow
	G	R
<u>ISP 3</u>	good	saffron yellow
	A	SP
	none	ivory
	G	R
<u>ISP 4</u>	good	saffron yellow
	A	SP
	none	ivory
	G	R
<u>ISP 5</u>	good	signal yellow
	A	SP
	none	ivory
	G	R
<u>ISP 6</u>	good	saffron yellow
	A	SP
	none	ivory
	G	R
<u>ISP 7</u>	good	red brown
	A	SP
	none	red brown

Spore chains:

Spore surface:

Sporangia:

Fragmentation:

Melanoid pigment: - (+) - -

NaCl resistance: 0 %

Lysozyme resistance:

pH: Value-

Optimum-

Temperature : Value-

Optimum-

Carbon utilization:

Glu	Ara	Suc	Xyl	Ino	Man	Fru	Rha	Raf	Cel
+	+	+	-	-	-	+	-	-	-

Enzymes:

Gel	Cit	Ure	Arg	Onp	Trp	Lys	Odc	VP	Ind	H2S
+	+	+	+	+	-	+	+	+	-	-
2+	3(+)	4+	5-	6+	7+	8-	9-	10-	11+	
12+	13+	14+	15+	16+	17+	18+	19-	20-		

Comments:



Catenuloplanes castaneus

A and B – Agar plates medium 5006, 5265 and 5315