

Name: ***Catenuloplanes nepalensis***

Authors: Tamura et al. 1995

Status: New Species

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

Risk group: 1 (German classification)

Type strain: IFO 15583, RA343, DSM 44710

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 nepalensis

Microplate with ISP- and melanin media

Genus: Catenuloplanes

FH 2868

Species: nepalensis

Numbers in other collections: IFO 15583

Morphology:

<u>ISP 2</u>	G	R
	good	yellow orange
	A	SP
<u>ISP 3</u>	none	pastel yellow
	G	R
	good	pastel orange
<u>ISP 4</u>	A	SP
	none	oyster white
	G	R
<u>ISP 5</u>	sparse	ivory
	A	SP
	none	saffron yellow
<u>ISP 6</u>	G	R
	good	pastel orange
	A	SP
<u>ISP 7</u>	none	light ivory
	G	R
	good	chrome yellow
<u>ISP 8</u>	A	SP
	none	sand yellow
	G	R
<u>ISP 9</u>	good	oxide red
	A	SP
	none	chestnut 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	H ₂ S
+	-	+	-	-	-	-	-	+	-	-
2+	3+	4+	5+	6+	7(+)	8-	9-	10-	11+	
12-	13+	14+	15(+)	16+	17+	18+	19-	20-		

Comments:



Catenuloplanes nepalensis

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