

Name: ***Catenulispora acidiphila***

Authors: Busti et al. 2006

Status: New Species

Reference: Int. J. Syst. Evol. Microbiol. 56:1745

Risk group: 1 (German classification)

Type strain: DSM 44928, ID139908, NRRL B-24433

Author: Busti, E., Cavaletti, L., Monciardini, P., Schumann, P., Rohde, M., Sosio, M., Donadio, S.

Title: *Catenulispora acidiphila* gen. nov., sp. nov., a novel, mycelium-forming actinomycete, and proposal of *Catenulisporaceae* fam. nov.

Journal: Int. J. Syst. Evol. Microbiol.

Volume: 56

Page: 1741-1746

Year: 2006

**Genus:** *Catenulispora*

FH 6747

**Species:** *acidiphila*

Numbers in other collections: DSM 44928

Morphology:

	G	R
<u>ISP 2</u>	none	
	A	SP
	G	R
<u>ISP 3</u>	none	
	A	SP
	G	R
<u>ISP 4</u>	none	
	A	SP
	G	R
<u>ISP 5</u>	none	
	A	SP
	G	R
<u>ISP 6</u>	none	
	A	SP
	G	R
<u>ISP 7</u>	none	
	A	SP

Melanoid pigment: - - - -

NaCl resistance: %

Lysozyme resistance:

pH: Value- Optimum-

Temperature : Value- Optimum- °C

Carbon utilization:

Glu	Ara	Suc	Xyl	Ino nd.	Man	Fru	Rha	Raf	Cel
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Enzymes:

2-	3-	4-	5-	6-	7-	8-	9-	10-	11-
12+	13-	14-	15-	16-	17-	18-	19-	20-	

Comments: good growth on media 5006 and 5265 with a pH of 5.5 (beige mycelium), no aerial mycelium is formed



***Catenulispora acidiphila***

A and B – Agar plates media 5006 and 5265 with a pH of 5.5