

Name: ***Millisia brevis***

Authors: Soddell et al. 2006

Status: New Species

Reference: Int. J. Syst. Evol. Microbiol. 56:742

Risk group: 1

Type strain: DSM 44463, J81, NRRL B-24424

Author: Soddell, J. A., Stainsby, F. M., Eales, K. L., Kroppenstedt, R. M., Seviour, R. J., Goodfellow, M.

Title: *Millisia brevis* gen. nov., sp. nov., an actinomycete isolated from activated sludge foam.

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

Volume: 56

Page: 739-744

Year: 2006

Genus: *Millisia* **FH 6796**

Species: *brevis*

Numbers in other collections: DSM 44463

Morphology:

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

Melanoid pigment: - - - -

NaCl resistance: %

Lysozyme resistance:

pH: Value-

Optimum-

Temperature : Value-

Optimum- 28 °C

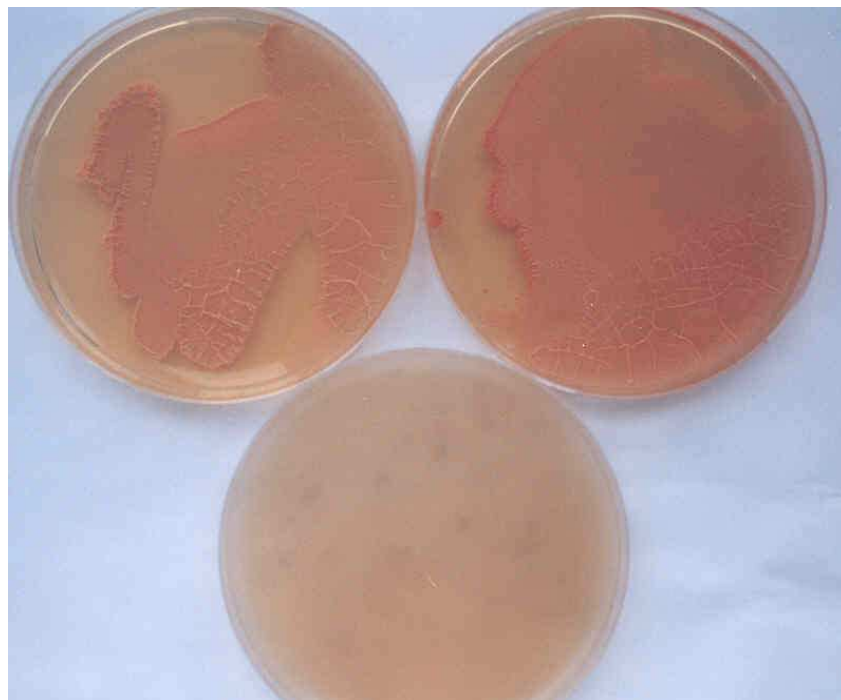
Carbon utilization:

Glu	Ara	Suc	Xyl	Ino	Man	Fru	Rha	Raf	Cel
				n.d.					

Enzymes:

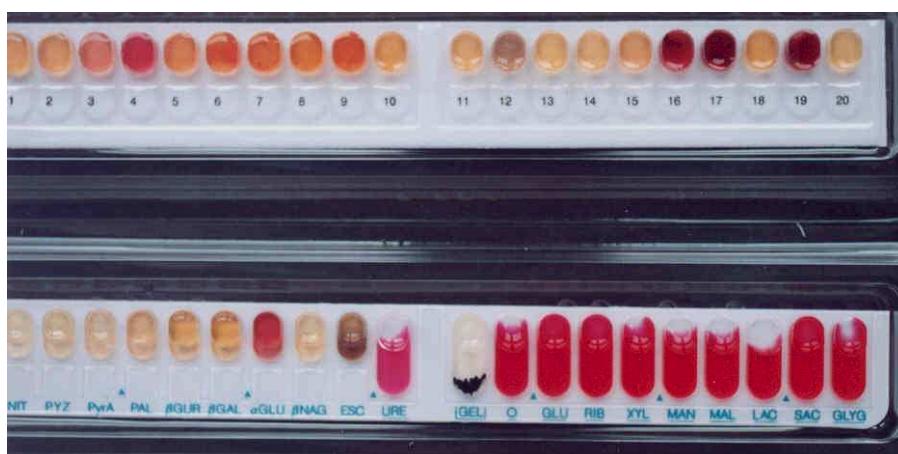
2-	3(+)	4+	5-	6+	7+	8+	9+	10-	11-	
12+	13-	14-	15-	16+	17+	18-	19+	20-		
Nit	Pyz	Pyr	Pal	βGur	βGal	αGlu	βNag	Esc	Ure	Gel
-	-	-	-	-	-	+	-	+	-	-
Glu	Rib	Xyl	Man	Mal	Lac	Sac	Glyg			
-	-	-	-	-	-	-	-			

Comments:



Millisia brevis

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



Millisia brevis

C – Microplate with ISP- and melanin media

D – Api zym (upper) and coryne