

Name: ***Micromonospora mirobrigensis***

Authors: Trujillo et al. 2005

Status: New species

Literature: Int. J. Syst. Evol. Microbiol. 55:879

Risk group: 1 (German classification)

Type strain: DSM 44830, LMG 22229

Author(s) Trujillo, M. E., Fernández-Molinero, C., Velázquez, E.,
Kroppenstedt, R. M., Schumann, P., Mateos, P. F., Martínez-
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Title *Micromonospora mirobrigensis* sp. nov.

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Genus: *Micromonospora* **FH 6469**
Species: *mirobrigensis*
Numbers in other collections: DSM 44830

Morphology:

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

Melanoid pigment: - - - -

NaCl resistance:

Lysozyme resistance:

pH: Value- Optimum-
Temperature : Value- Optimum- 28 °C

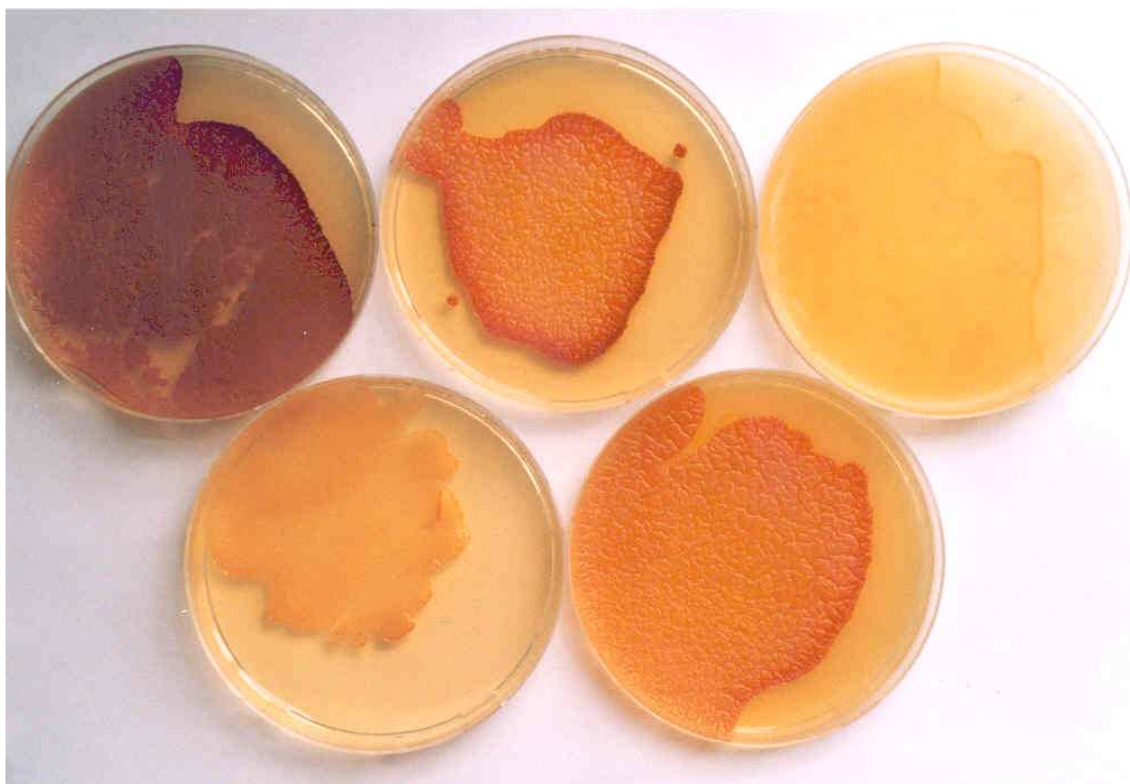
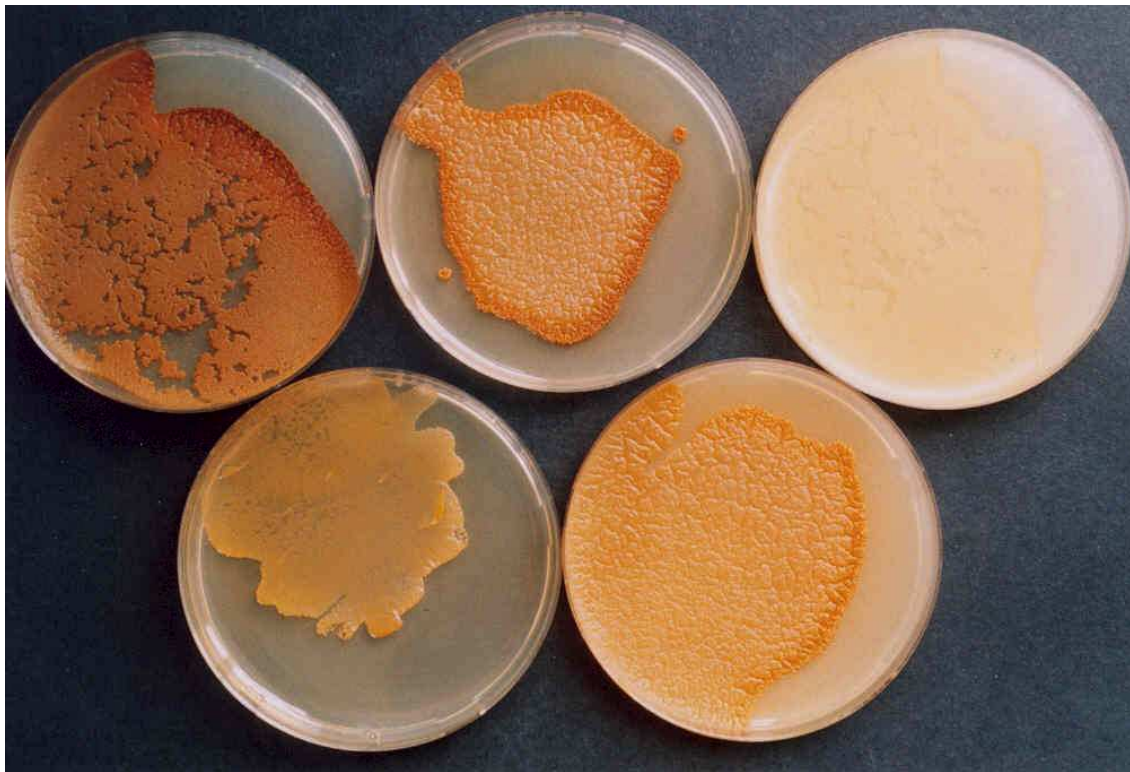
Carbon utilization:

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

Enzymes: Api Zym and Coryne

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

Comments: Deep orange on medium 5429, yellow orange on 5472 and orange brown with a copper brown soluble pigment on 5006



Micromonospora mirobrigensis

A and B – Agar plates medium 5006, 5265, 5315, 5429 and 5475



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C and D – Microplate with ISP- and melanin medium