

Name: ***Mycetocola lacteus***
Authors: Tsukamoto et al. 2001
Status: New Species
Literature: Int. J. Syst. Evol. Microbiol. 51:942
Risk group: 1 (German classification)
Type strain: CM-10, DSM 15177, IFO 16278, NRRL B-24121

Author(s)	Tsukamoto, T., Takeuchi, M., Shida, O., Murata, H., Shirata, A.
Title	Proposal of <i>Mycetocola</i> gen. nov. in the family <i>Microbacteriaceae</i> and three new species, <i>Mycetocola saprophilus</i> sp. nov., <i>Mycetocola tolaasinivorans</i> sp. nov. and <i>Mycetocola lacteus</i> sp. nov., isolated from cultivated mushroom, <i>Pleurotus ostreatus</i> .
Journal	Int. J. Syst. Evol. Microbiol.
Volume	51
Page(s)	937-944
Year	2001

Genus: *Mycetocola* **FH 6451**
Species: *lacteus*
Numbers in other collections: DSM 15177

Morphology:

	G	R
<u>ISP 2</u>	good	beige
	A	SP
	none	none
	G	R
<u>ISP 3</u>	good	beige
	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>	sparse	
	A	SP
	G	R
<u>ISP 7</u>	sparse	
	A	SP

Melanoid pigment: - - - -

NaCl resistance: %

Lysozyme resistance:

pH: Value- Optimum-

Temperature : Value- Optimum- 28 °C

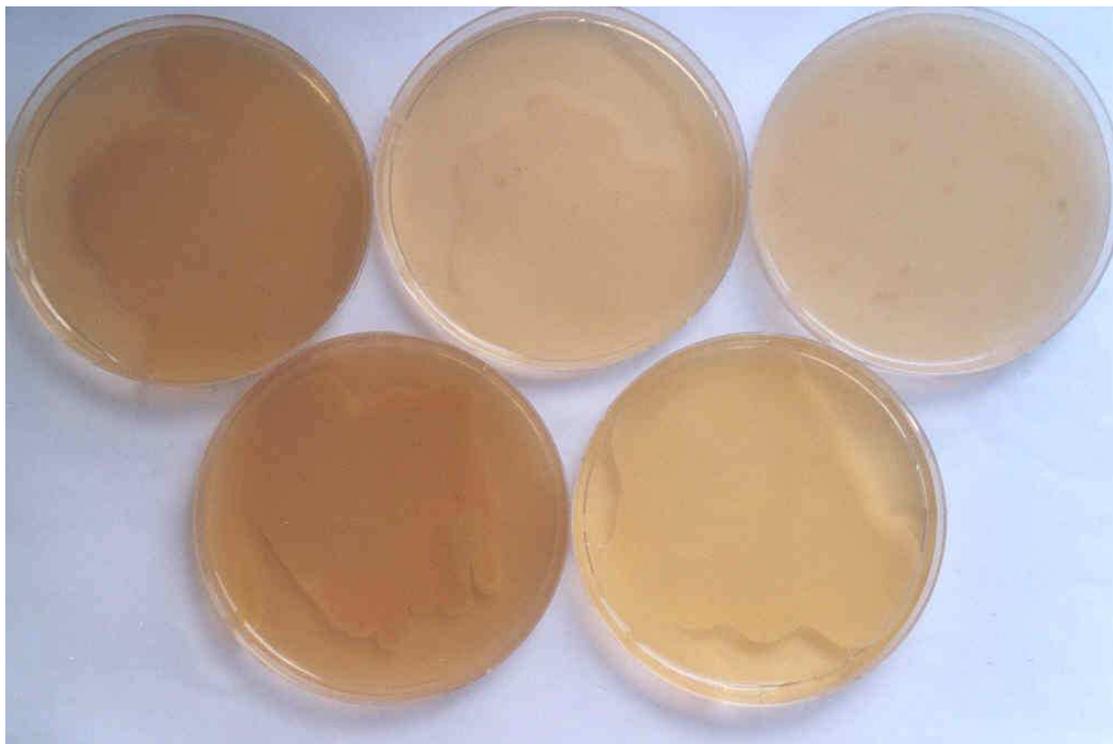
Carbon utilization:

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

Enzymes:

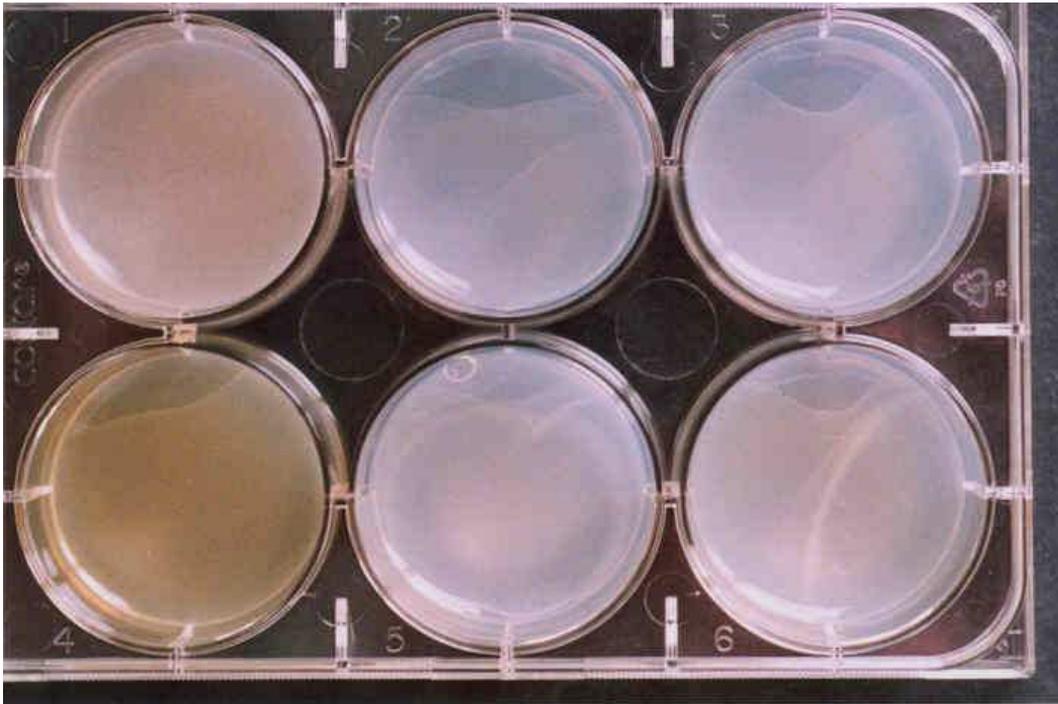
2 -	3 +	4 +	5 -	6 +	7 +	8 +	9 -	10 -	11 (+)	
12 (+)	13 +	14 +	15 -	16 +	17 +	18 +	19 -	20 -		
Nit	Pyz	Pyr	Pal	βGur	βGal	αGlu	βNag	Esc	Ure	Gel
-	+	+	-	-	+	+	-	+	(+)	-

Comments: Beige on media 5429 and 5475



Mycetocola lacteus

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



Mycetocola lacteus

C – Microplate with ISP- and melanin media

D – Api Coryne (upper) and Zym