

Name: ***Mycetocola tolaasinivorans***  
Authors: Tsukamoto et al. 2001  
Status: New Species  
Literature: Int. J. Syst. Evol. Microbiol. 51:942  
Risk group: 1 (German classification)  
Type strain: CM-05, DSM 15179, IFO 16277, NRRL B-24120

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 6453**  
**Species:** *tolaasinivorans*  
**Numbers in other collections:** DSM 15179

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 tolaasinivorans***

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



***Mycetocola tolaasinivorans***  
C - Api Coryne (upper) and Zym

