

Name: *Microbacterium testaceum*

Authors: (Komagata and Iizuka 1964) Takeuchi and Hatano 1998

Status: New Combination

Reference(s): Int. J. Syst. Bacteriol. 48:745

Risk group: 1 (German classification)

Type strain: ATCC 15829, CCM 2299, DSM 20166, IMET 10361

Other names: *Brevibacterium testaceum* (basonym), *Curtobacterium testaceum* (basonym), *Aureobacterium testaceum* (basonym)

Author: Takeuchi, M., Hatano, K.
Title: Proposal of six new species in the genus *Microbacterium* and transfer of *Flavobacterium marinotypicum* ZoBell and Upham to the genus *Microbacterium* as *Microbacterium maritypicum* comb. nov.

Journal: Int. J. Syst. Bacteriol.
Volume: 48
Page: 973-982
Year: 1998

Genus: *Microbacterium*

FH 2774

Specis: *testaceum*

Numbers in other collections: DSM 20166

Morphology:

<u>ISP 2</u>	G	R
	good	chrome yellow
	A	SP
<u>ISP 3</u>	none	none
	G	R
	good	chrome yellow
<u>ISP 4</u>	A	SP
	none	none
	G	R
<u>ISP 5</u>	good	ivory
	A	SP
	none	none
<u>ISP 6</u>	G	R
	none	SP
	A	SP
<u>ISP 7</u>	G	R
	good	broom yellow
	A	SP
<u>ISP 7</u>	none	none
	G	R
	A	SP

NaCl resistance: 5.0%

Temperature: Value- °C Optimum- 28°C

Carbon utilization:

	Glu	Ara	Suc	Xyl	Ino	Man	Fru	Rha	Raf	Cel	
	+	+	+	+	+	-	v	+	+	+	
<u>Enzymes:</u>											
Api 20E	Gel	Cit	Ure	Arg	Onp	Trp	Lys	Odc	VP	Ind	H2S
	+	-	-	-	-	-	-	-	+	-	-
ApiZym	2	3	4	5	6	7	8	9	10	11	12
	+	+	+	+	+	+	+	+	+	+	+
	13	14	15	16	17	18	19	20			
	-	+	-	+	+	-	+	-			
ApiCoryne	Nit	Pyz	Pyr	Pal	βGur	βGal	αGlu	βNag	Esc	Ure	Gel
	+	+	+	+	+	+	+	+	+	+	
	Glu	Rib	Xyl	Man	Mal	Lac	Sac	Glyg			
	-	+	-	+	+	-	+	-			



Microbacterium testaceum

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

C – Microplate with ISP- and melanin media