

Name: *Microbacterium arborescens*

Authors: Imai et al. 1985

Status: New Combination

Reference(s): Int. J. Syst. Bacteriol. 35:535 (validation list)

Risk group: 1 (German classification)

Comment: basonym "*Flavobacterium arborescens*"

Type strain: ATCC 4358, DSM 20754, IFO 3750

Author: Imai, K., Takeuchi, M., Banno, I.

Title: Reclassification of "*Flavobacterium arborescens*" (Frankland and Frankland) Bergey et al. in the genus *Microbacterium* (Orla-Jensen) Collins et al., as *Microbacterium arborescens* comb. nov., nom. rev.

Journal: Curr. Microbiol.

Volume: 11

Page: 281-284

Year: 1984

Genus: *Microbacterium*

FH 2803

Species: *arborescens*

Numbers in other collections: DSM 20754

Morphology:

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

NaCl resistance: 5.0%

Temperature: Value- °C Optimum- 28°C

Carbon utilization:

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

Enzymes:

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				
	-	+	-	+	+	+	+	-				

Comments:



Microbacterium arborescens

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