

Name: ***Exiguobacterium aurantiacum***
Authors: Collins et al. 1984
Status: New Species
Literature: Int. J. Syst. Bacteriol. 34:91 (validation list)
Risk group: 1 (German classification)
Type strain: DSM 6208, NCIB 11798

Lit.: Collins, M.D., B. M. Lund, J. A. E. Farrow and K.H. Schleifer.
1983.
Chemotaxonomic Study of an Alkalophilic Bacterium,
Exiguobacterium aurantiacum gen. Nov., sp. nov.
J. Gen. Microbiol. 129: 2037-2042

Genus: *Exiguobacterium*

FH 2747

Species: *aurantiacum*

Numbers in other collections: ATCC 953

Morphology:

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

NaCl resistance: 0%

Temperature: Value- °C Optimum- 28°C

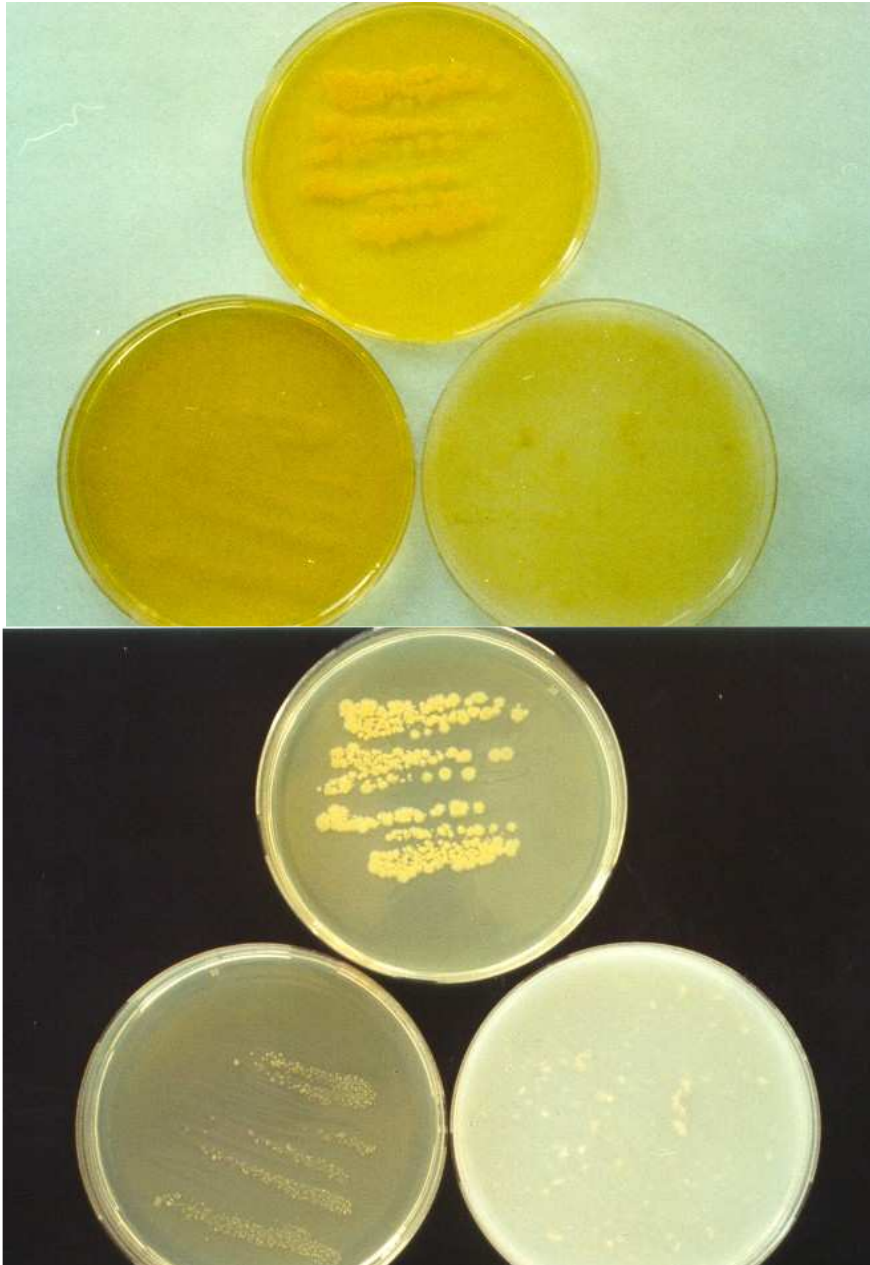
Carbon utilization:

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

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:



Exiguobacterium aurantiacum

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