Name: *Corynebacterium flavescens*

Authors: Barksdale et al. 1979

Status: Approved Lists

Reference(s): Int. J. Syst. Bacteriol. 30:286 (AL)

Risk group: 1 (German classification)

Type strain: ATCC 10340, DSM 20296, IMET 11080, NCDO 1320, NCIB 8707

Fatty acid pattern

14 : 0		4,0
15 : 0		1,0
16 : 1	B	2,0
16 : 1	Cis 9	1,0
16 : 0		29,0
17 : 1	A	5,0
17 : 0		2,0
18 : 1	Cis 9	48,0
18 : 0		5,0
20 : 1	Cis 11	1,5

Genus: ***Corynebacterium*** **FH 2779**
Species: ***flavescens***
Numbers in other collections: **DSM 20296**
Morphology:

	G	R
ISP 2	good	deep orange
	A	SP
	none	none
	G	R
ISP 3	good	signal yellow
	A	SP
	none	none
	G	R
ISP 4	good	ivory
	A	SP
	none	none
	G	R
ISP 5	good	signal yellow
	A	SP
	none	none
	G	R
ISP 6	good	colorless
	A	SP
	none	yes
	G	R
ISP 7	none	
	A	SP

NaCl resistance: 7.5%
Temperature: Value- ℃ Optimum- 28℃
Carbon utilization:

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

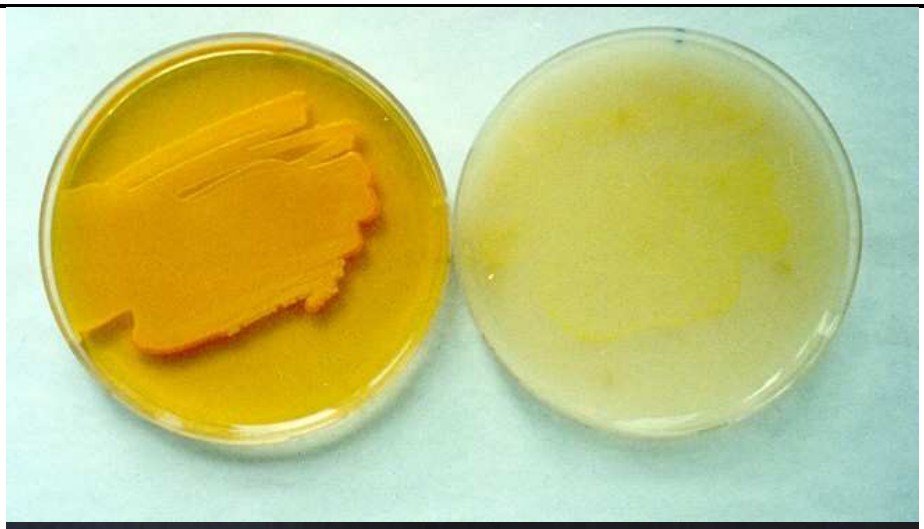
Acid from (Api 20E):

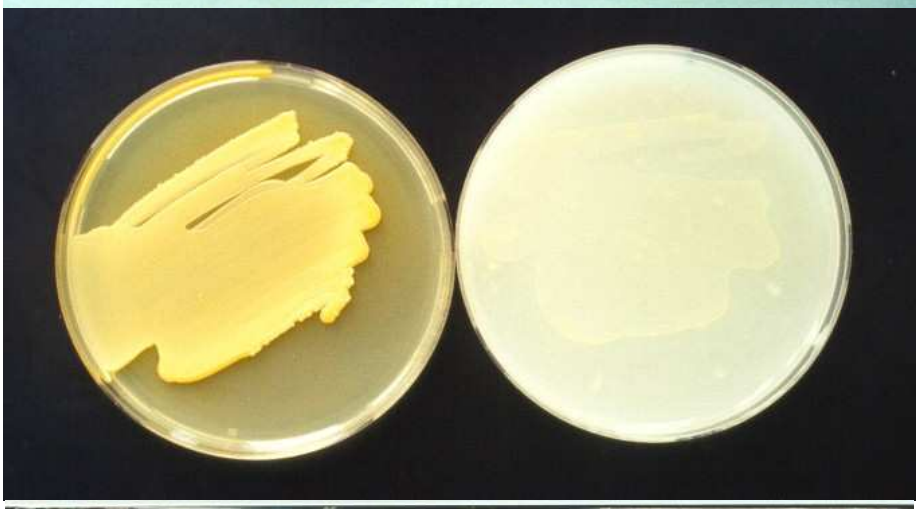
Glu	Man	Ino	Sor	Rha	Sac	Mel	Amy	Ara
-	+	-	-	-	-	-	-	-

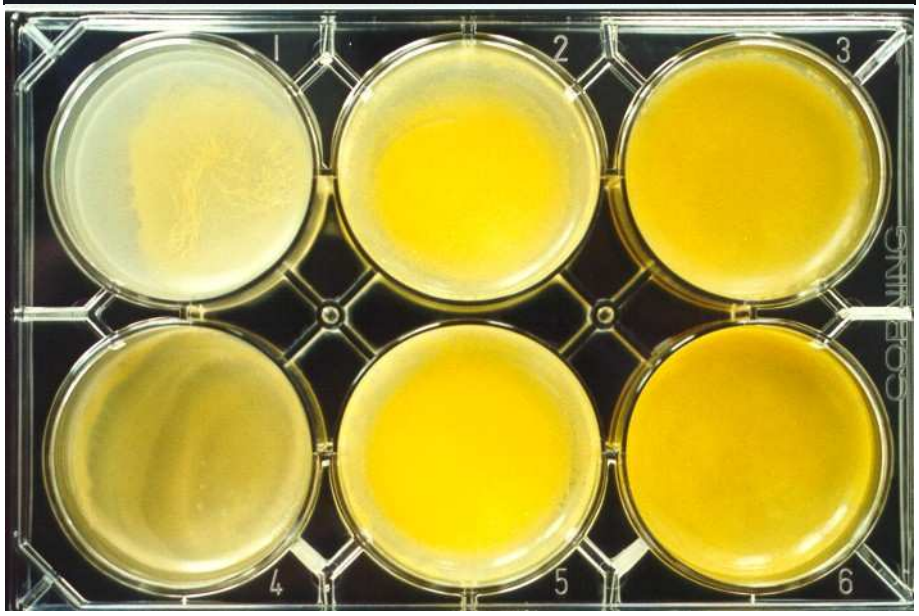
Enzymes:

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:







Corynebacterium flavescens

A and B – Agar plates medium 5265 and 5315
C – Microplate with ISP- and melanin medium