

Genus	<i>Arthrobacter</i>
Species	<i>aurescens</i>
Subspecies	
Author	Phillips 1953
Reclassification	
Status	valid
Type species	ATCC 13344, CCM 1647, DSM 20116, IMET 11247
Hazard group	1

Fatty acid pattern

14 : 0	Iso	3,0
14 : 0		1,0
15 : 0	Iso	12,0
15 : 0	Anteiso	42,0
16 : 0	Iso	18,0
16 : 0		2,5
17 : 0	Iso	3,5
17 : 0	Anteiso	15,0
18 : 0	Iso	1,0
18 : 0		1,0

Genus: *Arthrobacter*

FH 2763

Species: *aurescens*

Numbers in other collections: DSM 20116

Morphology:

<u>ISP 2</u>	G	R
	good	beige
	A	SP
<u>ISP 3</u>	none	none
	G	R
	good	lemon yellow
<u>ISP 4</u>	A	SP
	none	none
	G	R
<u>ISP 5</u>	good	pastel yellow
	A	SP
	none	none
<u>ISP 6</u>	G	R
	good	ivory
	A	SP
<u>ISP 7</u>	none	none
	G	R
	good	colorless
	A	SP
	none	yes
	G	R
	good	ivory
	A	SP
	none	yes

NaCl resistance: 0%

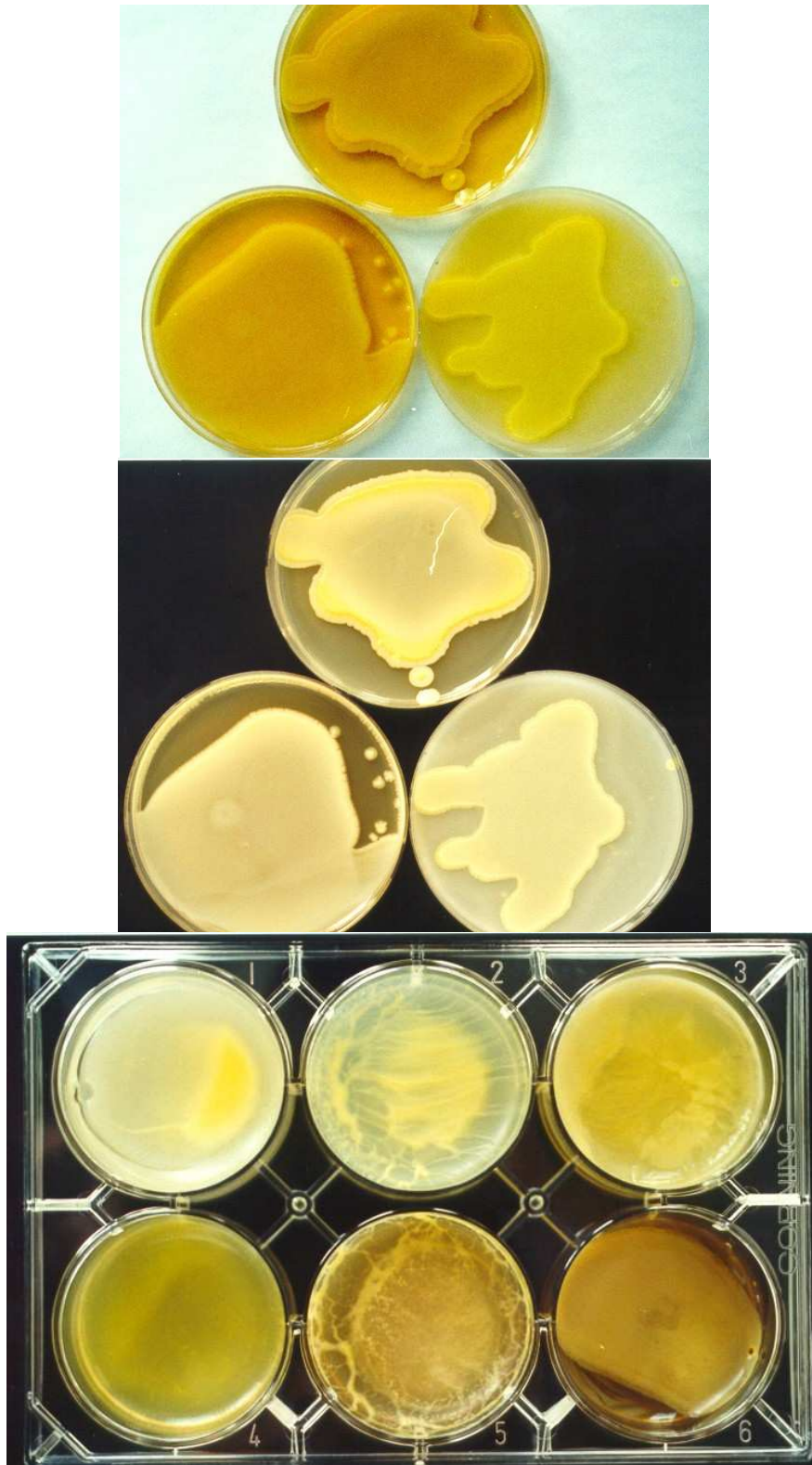
Temperature: Value- °C Optimum- 28°C

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	
	+	v	+	-	+	-	-	-	+	-	-	
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				
	+	+	-	+	+	+	+	-				



Arthrobacter aurescens

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

C – Microplate ISP and melanin media