Name: *Microbacterium aurum*

Authors: Yokota et al. 1993

Status: New Species

Reference(s): Int. J. Syst. Bacteriol. 43:552

Risk group: 1 (German classification)

Type strain: DSM 8600, H-5, IFO 15204

Author: Yokota, A., Takeuchi, M., Weiss, N.
Title: Proposal of two new species in the genus *Microbacterium*: *Microbacterium dextranolyticum* sp. nov. and *Microbacterium aurum* sp. nov.
Journal: Int. J. Syst. Bacteriol.
Volume: 43
Page: 549-554
Year: 1993

Genus: ***Microbacterium*** **FH 6193**
Species: ***aurum***
Numbers in other collections: DSM 8600
Reclassification:
Morphology:

	G	R
ISP 2	good	colorless
	A	SP
	none	none
	G	R
ISP 3	good	zinc yellow
	A	SP
	none	none
	G	R
ISP 4	good	zinc yellow
	A	SP
	none	none
	G	R
ISP 5	good	zinc yellow
	A	SP
	none	none
	G	R
ISP 6	good	zinc yellow
	A	SP
	none	none
ISP 7	G	R
	good	zinc yellow
	A	SP
	none	none

Melanoid pigment: - - - -
NaCl resistance: %
Lysozyme resistance:
pH: Value- Optimum-
Temperature : Value- Optimum- 28℃

Enzymes:

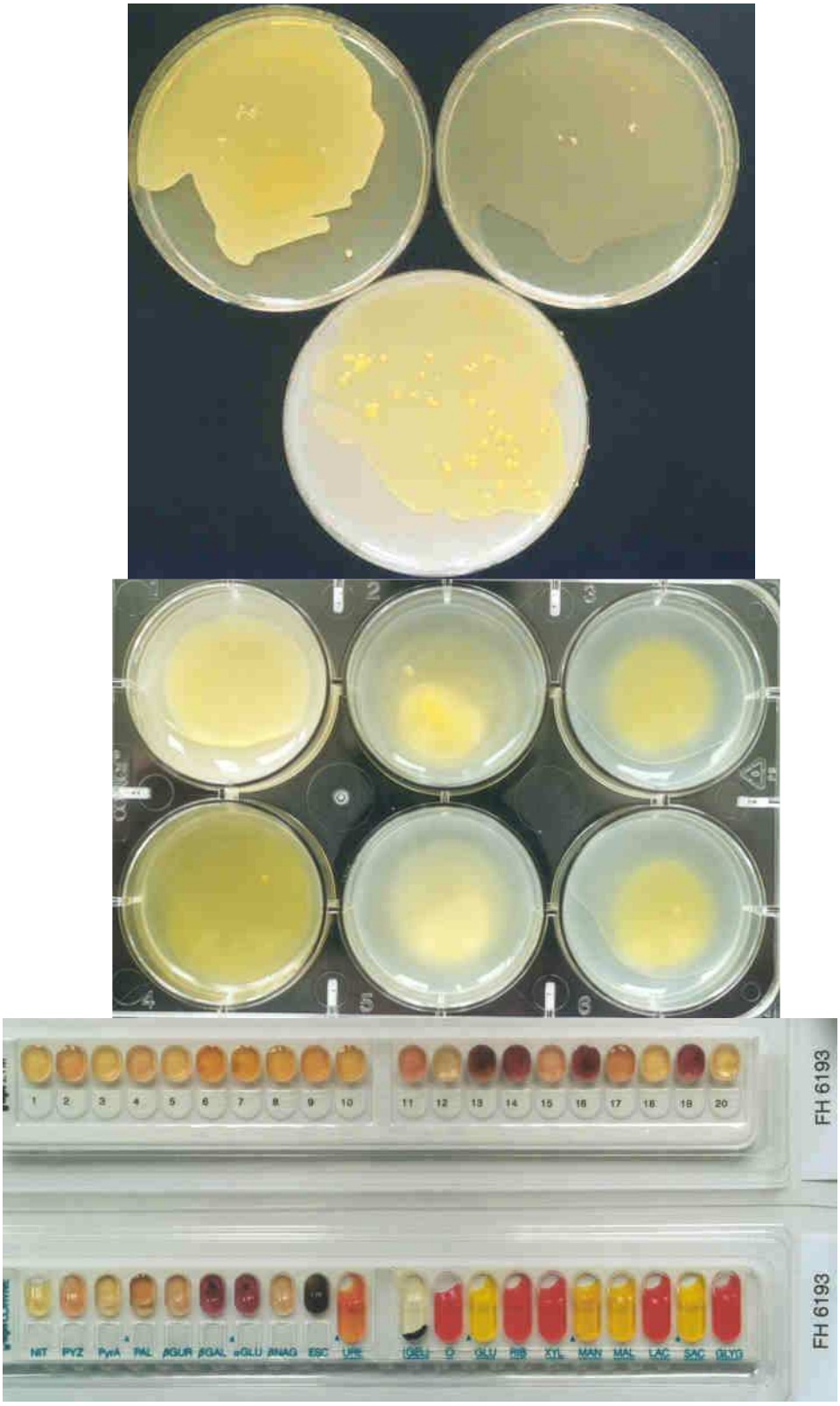
Api Zym

2+	3-	4+	5-	6+	7+	8+	9+	10-	11+
12-	13+	14+	15+	16+	17+	18-	19+	20-	

Api Coryne

Nit	Pyz	Pyr	Pal	βGur	βGal	αGlu	βNag	Esc	Ure	Gel
-	+	-	-	-	+	+	-	+	-	-
Glu	Rib	Xyl	Man	Mal	Lac	Sac	Glyg			
+	-	-	+	+	-	+	-			

Comments: good growth on medium 5006 (zinc yellow)



Microbacterium aurum

A – Agar plates media 5006, 5265 and 5315

B – Microplate with ISP- and melanin media

C – Api Zym (upper) and Api Coryne