

Name: *Microbacterium keratanolyticum*

Authors: (Yokota et al. 1993) Takeuchi and Hatano 1998

Status: New Combination

Reference(s): Int. J. Syst. Bacteriol. 48:745

Risk group: 1 (German classification)

Type strain: DSM 8606, IFO 13309

Other names: *Aureobacterium keratanolyticum* (basonym)

Yokota, A., Takeuchi, M., Sakane, T., Weiss, N. 1993.
Proposal of six new species in the genus *Aureobacterium* and transfer of
Flavobacterium esteraromaticum Omelianski to the genus
Aureobacterium as *Aureobacterium esteraromaticum* comb. nov.
Int. J. Syst. Bacteriol. , 43: 555-564

Takeuchi, M., Hatano, K. 1998.
Union of the genera *Microbacterium* Orla-Jensen and *Aureobacterium*
Collins et al. in a redefined genus *Microbacterium*.
Int. J. Syst. Bacteriol. 48:739-747

Genus: *Microbacterium*

FH 6199

Species: *keratanolyticum*

Numbers in other collections: DSM 8606

Basonym *Aureobacterium keratanolyticum*

Morphology:

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

Melanoid pigment: - - - -

NaCl resistance: %

Lysozyme resistance:

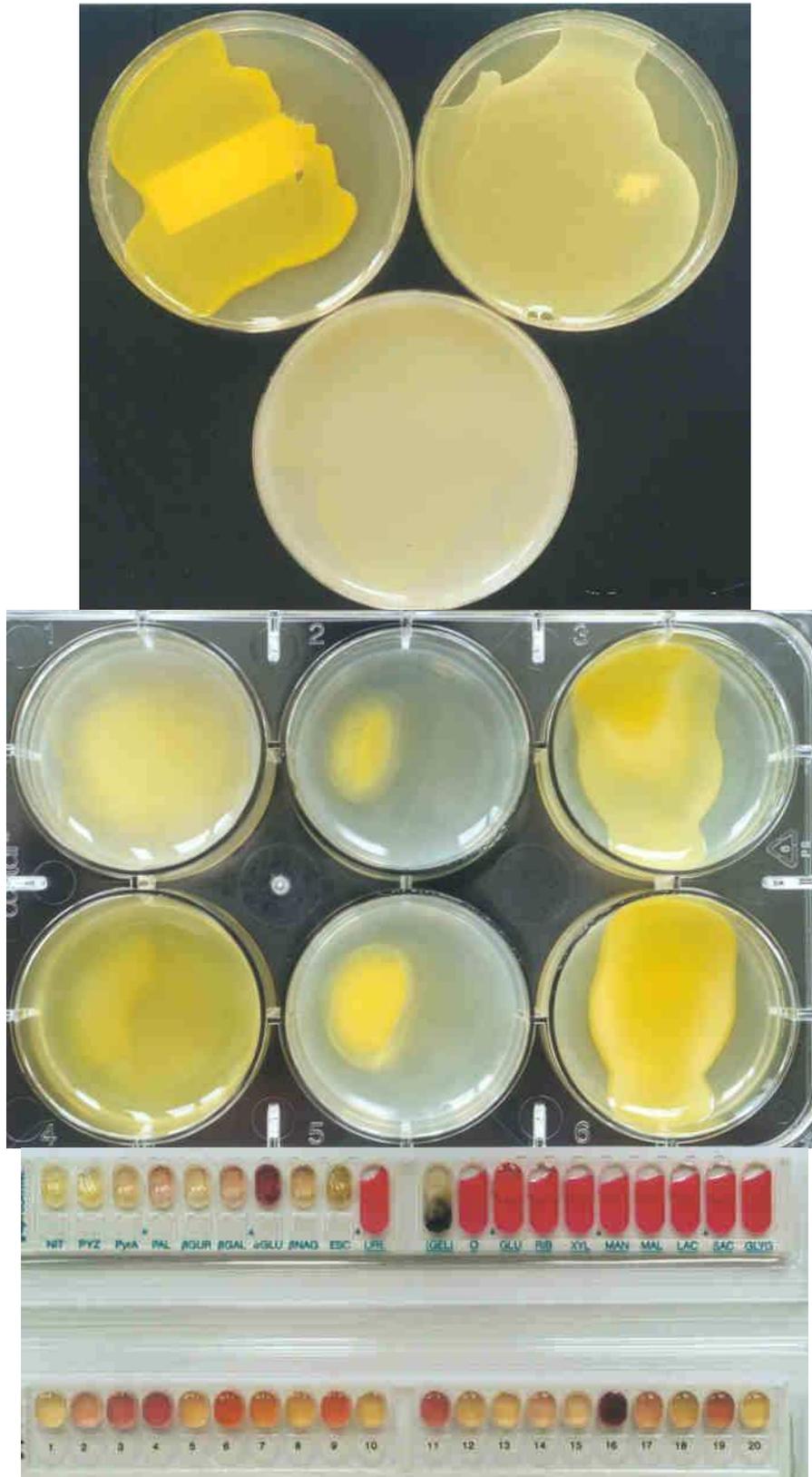
pH: Value- Optimum-

Temperature : Value- Optimum- 28°C

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:



Microbacterium keratanolyticum

A – Agar plates media 5006, 5265 and 5315

B – Microplate with ISP- and melanin media

C – Api Zym (lower) and Api Coryne