Name:	*Amycolatopsis keratiniphila* subsp. *keratiniphila*
Authors:	Al-Musallam et al. 2003 emend. Wink et al. 2003
Status:	New Subspecies
Literature:	Int. J. Syst. Evol. Microbiol.. 53:935 (validation list)
Risk group:	1 (German classification)
Comment:	emended description: System. Appl. Microbiol. 26, 38-46
Type strain:	DSM 44409, NRRL B-24117

Author(s)	Al-Musallam, A. A., Al-Zarban, S. S., Fasasi, Y. A., Kroppenstedt, R. M., Stackebrandt, E.
Title	*Amycolatopsis keratiniphila* sp. nov., a novel keratinolytic soil actinomycete from Kuwait.
Journal	Int. J. Syst. Evol. Microbiol.
Volume	53
Page(s)	871-874
Year	2003

Author(s)	Wink, J. M., Kroppenstedt, R. M., Ganguli, B. N., Nadkarni, S. R., Schumann, P., Seibert, G., Stackebrandt, E.
Title	Three new antibiotic producing species of the genus *Amycolatopsis*, *Amycolatopsis balhimycina* sp. nov., *A. tolypomycina* sp. nov., *A. vancoresmycina* sp. nov., and description of *Amycolatopsis keratiniphila* subsp. *keratiniphila* subsp. nov. and *A. keratiniphila* subsp. *nogabecina* subsp. nov.
Journal	Syst. Appl. Microbiol.
Volume	26
Page(s)	38-46
Year	2003

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Genus: ***Amycolatopsis*** **FH 2999**
Species: ***keratiniphila* subsp. *keratiniphila***
Numbers in other collections: DSM 44409
Morphology:

	G	R
ISP 2	good	sand yellow
	A	SP
	white	none
	G	R
ISP 3	good	sand yellow
	A	SP
	white	none
	G	R
ISP 4	good	sand yellow
	A	SP
	white	none
	G	R
ISP 5	good	sand yellow
	A	SP
	none	none
	G	R
ISP 6	good	sand yellow
	A	SP
	none	none
ISP 7	G	R
	good	sand yellow
	A	SP
	none	clay brown

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

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

Enzymes:

Gel	Cit	Ure	Arg	Onp	Trp	Lys	Odc	VP	Ind	H2S
+	+	+	+	+	-	(+)	+	-	-	-
2+	3+	4+	5(+)	6+	7+	8+	9+	10+	11+	
12-	13-	14+	15-	16+	17+	18+	19-	20-		
Nit	Pyz	Pyr	Pal	βGur	βGal	αGlu	βNag	Esc	Ure	Gel
+	-	+	+	-	+	+	+	+	+	+
Glu	Rib	Xyl	Man	Mal	Lac	Sac	Glyg			
-	-	-	-	-	-	-	-			

Comments:

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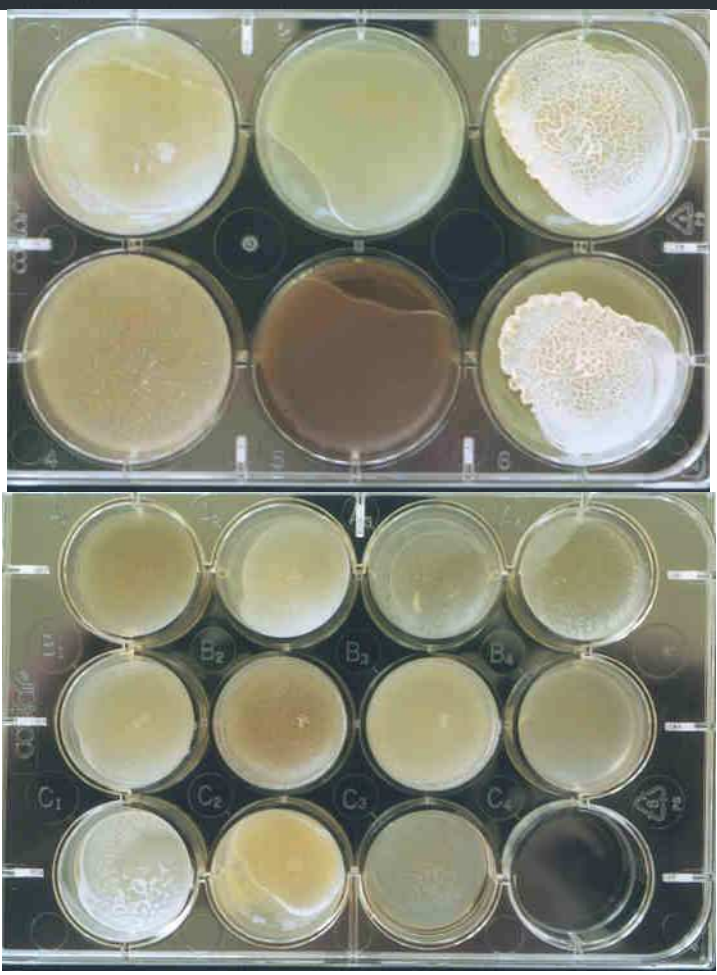

Amycolatopsis keratiniphila subsp. keratiniphila

A – Agar plates media 5265 and 5315
B – Microplate with ISP- and melanin media
C – Utilization of carbohydrates

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