

Name: *Amycolatopsis eurytherma*

Authors: Kim et al. 2002

Status: New Species

Literature: Int. J. Syst. Bacteriol. 52:893

Risk group: 1 (German classification)

Type strain: DSM 44348, NCIMB 13795, NT202

Author(s) Kim, B., Sahin, N., Tan, G. Y. A., Zakrzewska-Czerwinska, J.,
Goodfellow, M.

Title *Amycolatopsis eurytherma* sp. nov., a thermophilic
actinomycete isolated from soil.

Journal Int. J. Syst. Evol. Microbiol.

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Page(s) 889-894

Year 2002

Genus: *Amycolatopsis* FH 6275

Species: *eurytherma*

Numbers in other collections: DSM 44348

Reclassification:

Morphology:

	G	R
<u>ISP 2</u>	good	sand yellow
	A	SP
	white	none
	G	R
<u>ISP 3</u>	good	beige
	A	SP
	none	none
	G	R
<u>ISP 4</u>	sparse	beige
	A	SP
	none	none
	G	R
<u>ISP 5</u>	good	beige
	A	SP
	sparse	none
	G	R
<u>ISP 6</u>	sparse	beige
	A	SP
	none	none
	G	R
<u>ISP 7</u>	good	beige
	A	SP
	sparse	none

Melanoid pigment: - - - -

NaCl resistance: %

Lysozyme resistance:

pH: Value- Optimum-

Temperature : Value- Optimum- 45°C

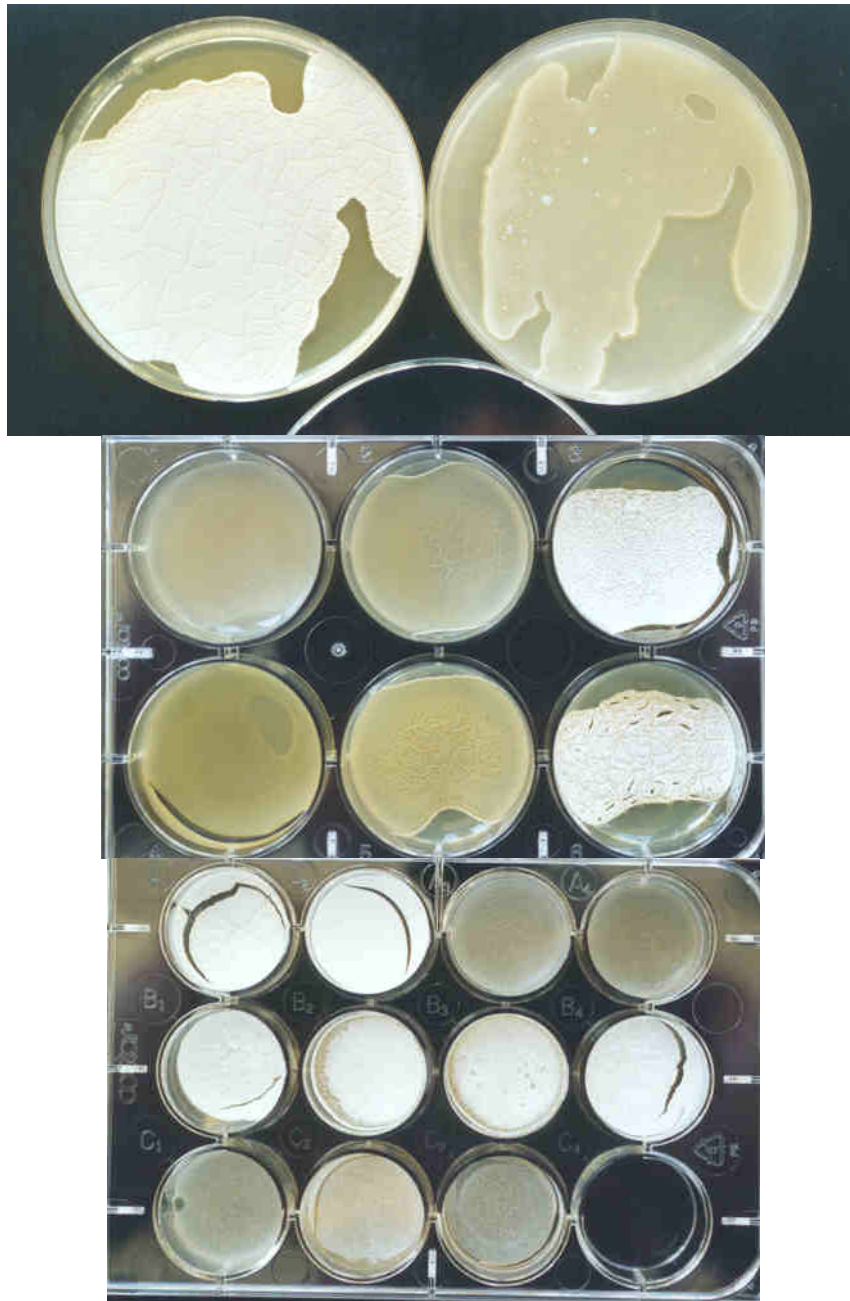
Carbon utilization:

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

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:



Amycolatopsis eurytherma

A – Agar plates media 5265 and 5315

B – Microplate with ISP- and melanin media

C – Utilization of carbohydrates