

Genus: *Amycolatopsis* **ST 101170**

Species: *vancoresmycina*

Numbers in other collections: DSM 44592

Morphology:

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

Melanoid pigment: - - - -

NaCl resistance: %

Lysozyme resistance:

pH: Value- Optimum-
Temperature : Value- Optimum- 28 °C

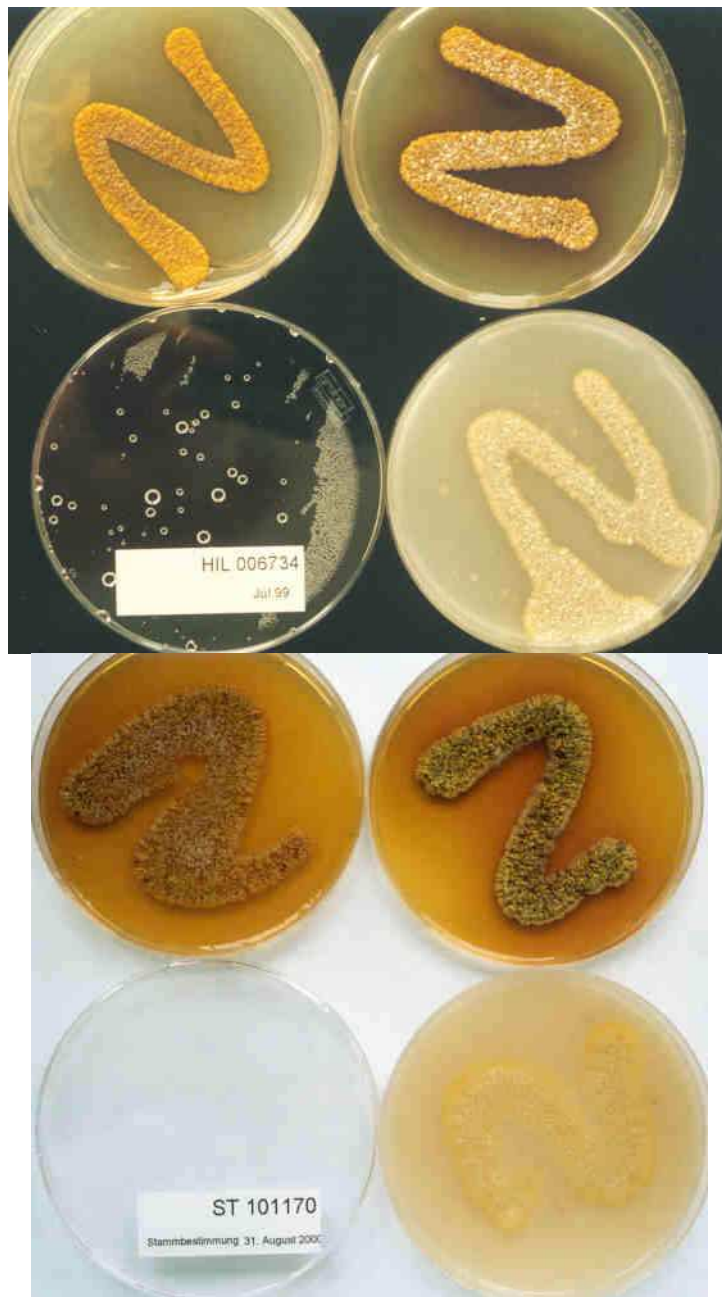
Carbon utilization:

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:



Amycolatopsis vancoresmycina

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



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C – Microplate with ISP- and melanin media

D – Utilization of carbohydrates

E – Fragmentation of mycelium in SEM (x 10.000)