

Name: ***Streptomyces yanii***

Author(s): Liu et al. 2005

Status: New Species

Reference(s): Int. J. Syst. Evol. Microbiol. 55:1609

Risk group: 1 (German classification)

Type strain: DSM 43887, IFO 14669, IMET 9750,
NBRC 14669

Author(s) Liu, Z., Shi, Y., Zhang, Y., Zhou, Z., Lu, Z., Li, W., Huang, Y.,
Rodríguez, C., Goodfellow, M.

Title Classification of *Streptomyces griseus* (Krainsky 1914)
Waksman and Henrici 1948 and related species and the
transfer of '*Microstreptospora cinerea*' to the genus
Streptomyces as *Streptomyces yanii* sp. nov.

Journal Int. J. Syst. Evol. Microbiol.

Volume 55

Page(s) 1605-1610

Year 2005

Genus: *Streptomyces*

FH 6573

Species: *yanii*

Numbers in other collections: DSM 43887

Morphology:

	G	R
<u>ISP 2</u>	good	grey brown
	A	SP
	none	none
	G	R
<u>ISP 3</u>	good	umber grey
	A	SP
	none	none
	G	R
<u>ISP 4</u>	good	umber grey
	A	SP
	none	none
	G	R
<u>ISP 5</u>	sparse	cream
	A	SP
	None	none
	G	R
<u>ISP 6</u>	sparse	sand yellow
	A	SP
	None	Sand yellow
<u>ISP 7</u>	G	R
	sparse	cream
	A	SP
	None	none

Melanoid pigment: + - + -

NaCl resistance: %

Lysozyme resistance:

pH: Value- Optimum-

Temperature : Value- Optimum- 28 °C

Carbon utilization:

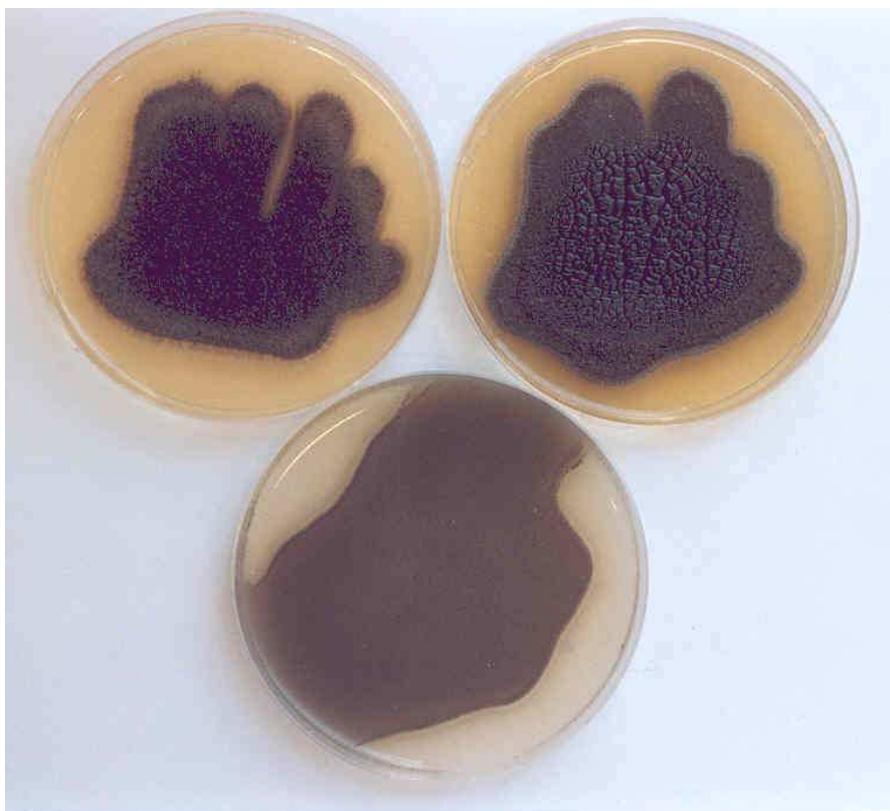
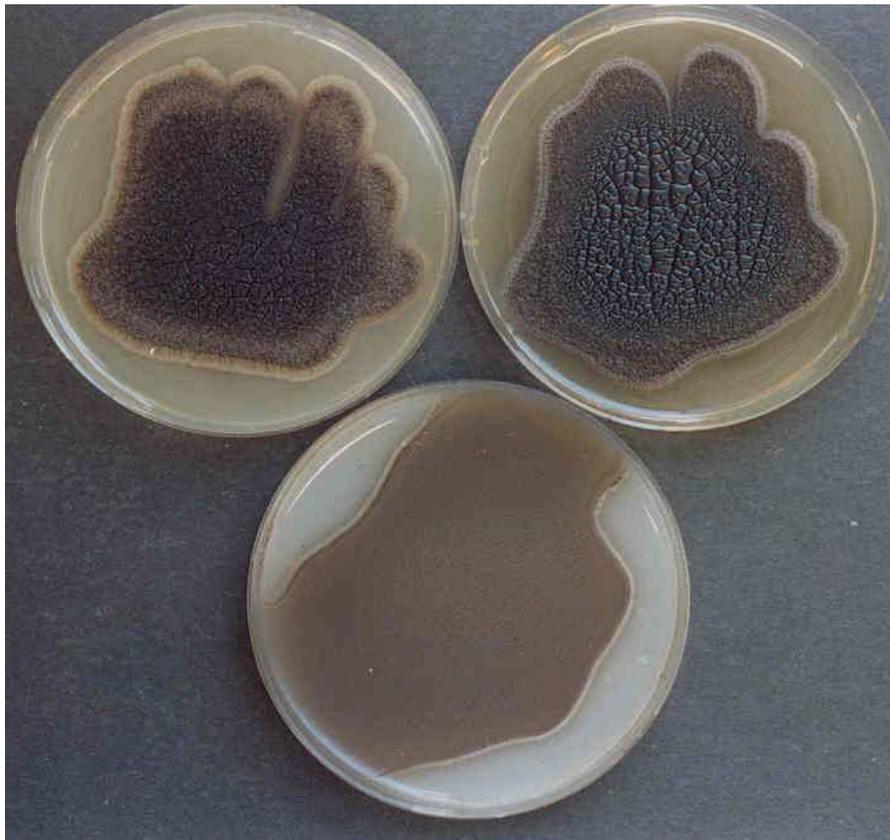
Glu	Ara	Suc	Xyl	Ino	Man	Fru	Rha	Raf	Cel
+	+	(+)	-	+	(+)	+	-	+	+

Enzymes:

Api Zym

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

Comments:



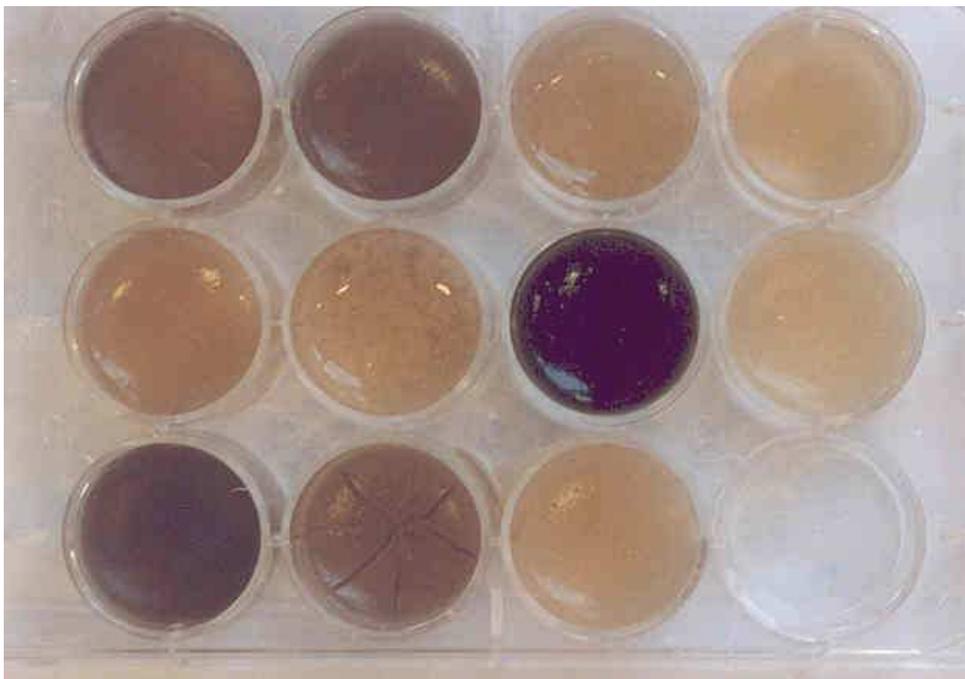
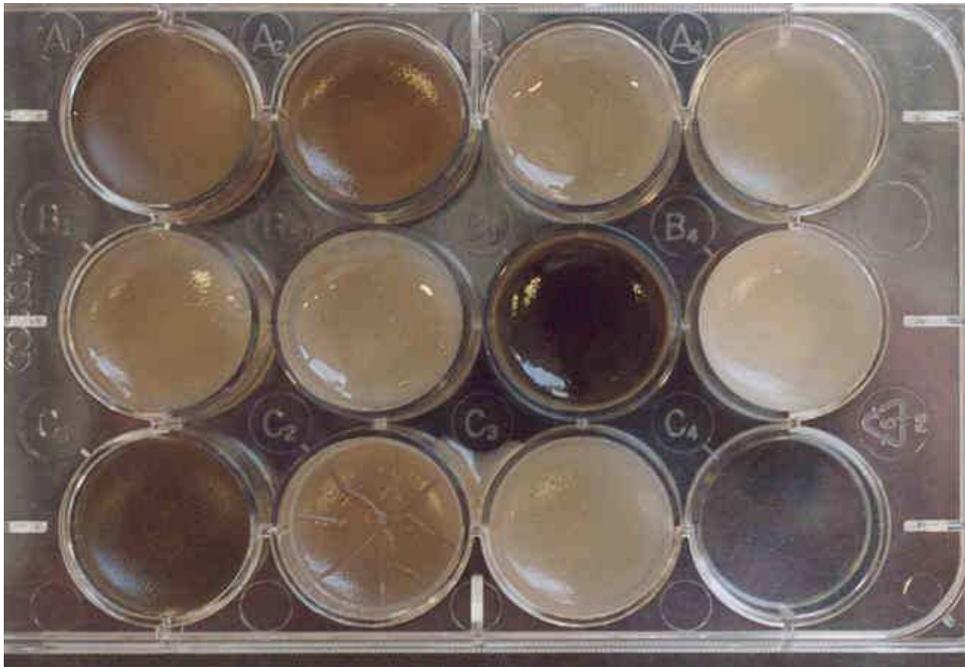
Streptomyces yanii

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



Streptomyces yanii

C and D – Microplate with ISP- and melanin media



Streptomyces yanii
E and F – Microplate for carbon utilization