Name: ***Nocardiopsis chromatogenes***

Authors: Li et al. 2006

Status: New Species

Reference: Int. J. Syst. Evol. Microbiol. 56:1094

Risk group: 1 (German classification)

Type strain: CCTCC AA 2040015, DSM 44844, KCTC 19008, YIM 90109

Author: Li, W.-J., Kroppenstedt, R. M., Wang, D., Tang, S.-K., Lee, J.-C., Park, D.-J., Kim, C.-J., Xu, L.-H., Jiang, C.-L.
Title: Five novel species of the genus *Nocardiopsis* isolated from hypersaline soils and emended description of *Nocardiopsis salina* Li et al. 2004.
Journal: Int. J. Syst. Evol. Microbiol.
Volume: 56
Page: 1089-1096
Year: 2006

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Genus: ***Nocardiopsis*** **FH 6800**
Species: ***chromatogenes***
Numbers in other collections: DSM 44844
Morphology:

	G	R
ISP 2	good	red brown
	A	SP
	none	none
	G	R
ISP 3	good	brown beige
	A	SP
	none	none
	G	R
ISP 4	good	brown beige
	A	SP
	none	none
	G	R
ISP 5	good	brown beige
	A	SP
	none	none
	G	R
ISP 6	good	brown beige
	A	SP
	none	red brown
	G	R
ISP 7	good	brown beige
	A	SP
	none	brown beige

Melanoid pigment: **- + (+) – (red pigment on suter medium)**
NaCl resistance: 10 %
Lysozyme resistance:
pH: Value- Optimum-
Temperature : Value- Optimum- 28℃
Carbon utilization:

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

Enzymes:

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

Comments: Good growth on media with artifical sea water and formation of cream aerial mycelium (5006, 5265, 5315)

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

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Nocardiopsis chromatogenes
C and D – Agar plates media 5006, 5265 and 5315 with artificial seawater

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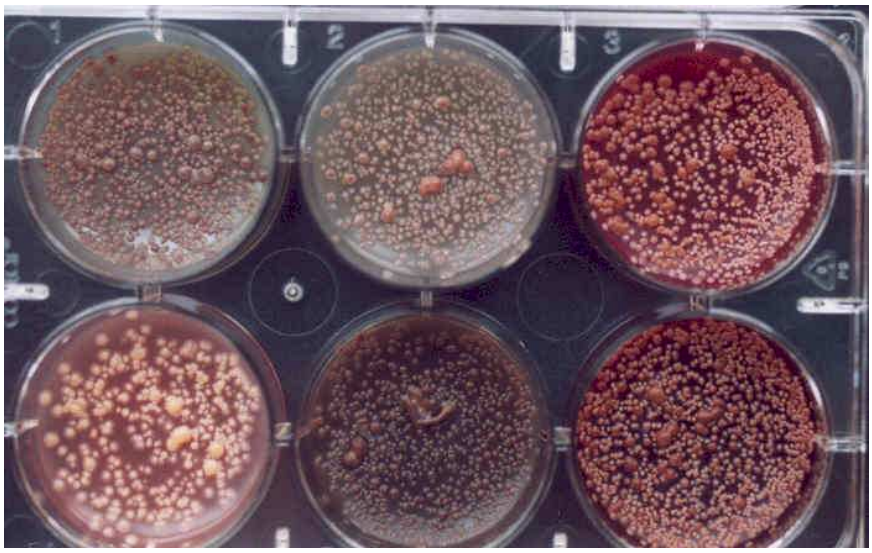

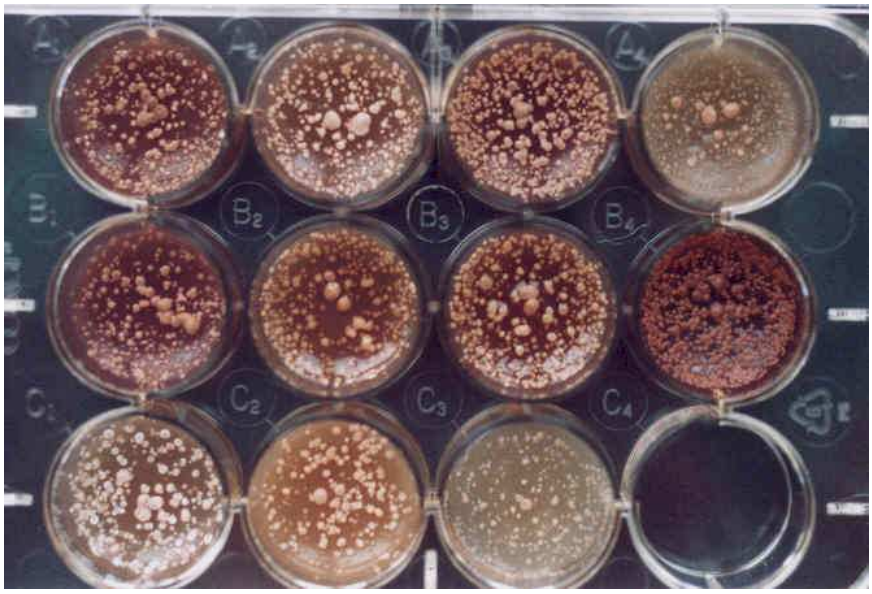

Nocardiopsis chromatogenes
E – Microplate with ISP- and melanin media
F – Microplate for usage of carbonhydrates

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