Name: ***Nocardiopsis alba***

Authors: Grund and Kroppenstedt 1990

Status: New Species, Corrected Name

Literature: Int. J. Syst. Bacteriol. 40:5

Risk group: 1 (German classification)

Comment: nom. corrig.: IJSB 46:1089*; *Nocardiopsis albus* (sic)

Type strain: DSM 43377

Author(s)	Grund, E., Kroppenstedt, R. M.
Title	Chemotaxonomy and numerical taxonomy of the genus *Nocardiopsis* Meyer 1976.
Journal	Int. J. Syst. Bacteriol.
Volume	40
Page(s)	5-11
Year	1990

Fatty acid pattern:

14 : 0	Iso	5,0	17 : 0	10methyl	2,0
15 : 0	Iso	1,0	18 : 0	Iso	4,0
15 : 0	Anteiso	2,0	18 : 1	cis 9	13,0
16 : 0	Iso	40,0	18 : 0		7,0
16 : 1	cis 9	2,0			
16 : 0		3,0			
16 : 0	10methyl	1,0			
17 : 0	Iso	2,0			
17 : 0	Anteiso	6,0			

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Genus: ***Nocardiopsis*** **FH 2481**
Species: ***alba***
Numbers in other collections: IFO 15097

Morphology:

	G	R
ISP 2	good	dahlia yellow
	A	SP
	white	none
	G	R
ISP 3	good	bright yellow
	A	SP
	white	none
	G	R
ISP 4	good	colorless
	A	SP
	white	none
	G	R
ISP 5	good	colorless
	A	SP
	white	none
	G	R
ISP 6	good	colorless
	A	SP
	white	none
	G	R
ISP 7	good	colorless
	A	SP
	none	none

Spore chains: Spore surface:
Sporangia: Fragmentation:

Melanoid pigment: **-** - + **-**
NaCl resistance: 2,5 %
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-

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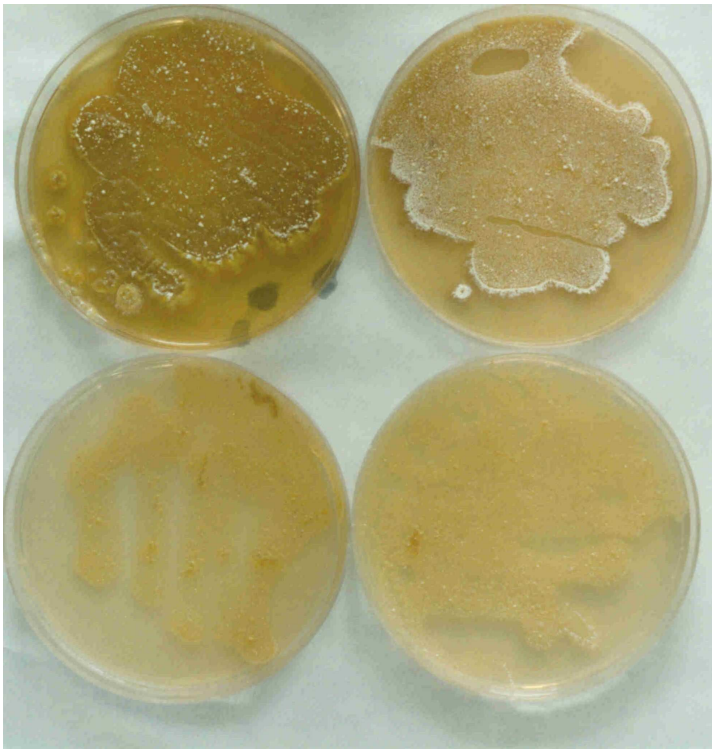

Nocardiopsis alba
A and B –Agar plates medium 5265, 5315, 5317 and 5323

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Nocardiopsis alba
C and D – Agar plates medium 5006, 5318, 5322, 5337 with and without tyrosine

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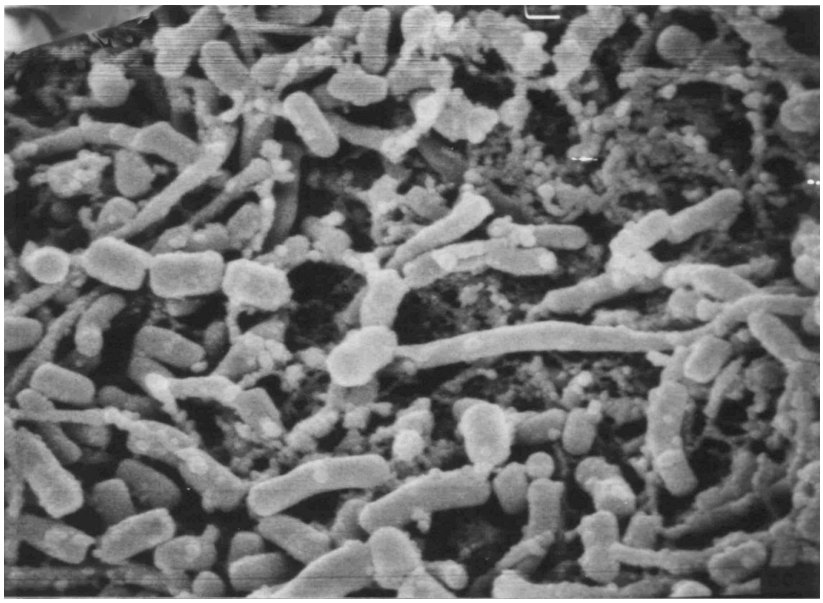

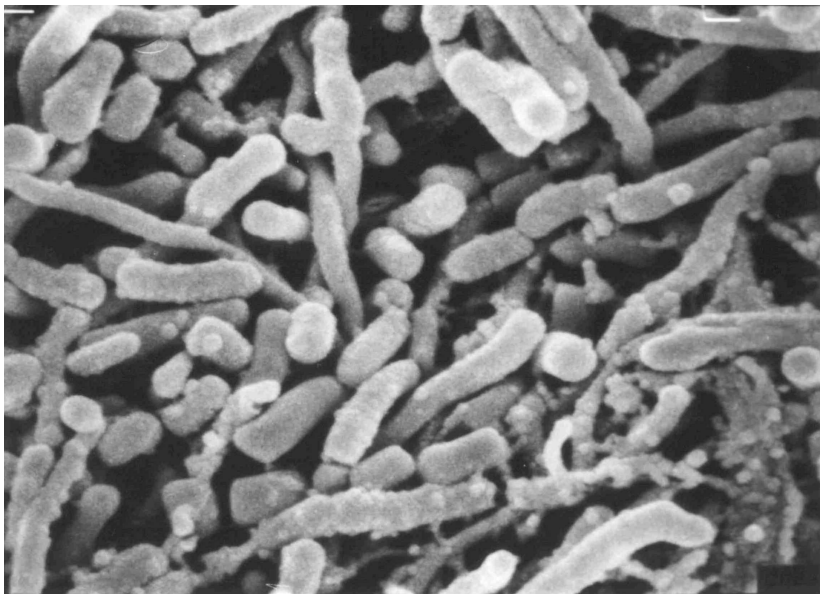

Nocardiopsis alba
Spore chains and spore surface in SEM
E x 7.500 F x 10. 000

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