

Name: *Nocardia alba*

Authors: Li et al. 2004

Status: New Species

Reference: Int. J. Syst. Evol. Microbiol. 54:1425

Risk group: ?

Type strain: CCTCC AA001030, CIP 108434, DSM 44684, YIM 30243

Author(s) Li, W.-J., Jiang, Y., Kroppenstedt, R. M., Xu, L.-H.,  
Jiang, C.-L.

Title *Nocardia alba* sp. nov., a novel actinomycete strain isolated  
from soil in China.

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**Genus:** *Nocardia* **FH 6441**

**Species:** *alba*

**Numbers in other collections:** **DSM 44684**

Morphology:

	G	R
<u>ISP 2</u>	good	deep orange
	A	SP
	ivory	none
	G	R
<u>ISP 3</u>	good	ivory
	A	SP
	none	none
	G	R
<u>ISP 4</u>	sparse	ivory
	A	SP
	-	-
	G	R
<u>ISP 5</u>	good	deep orange
	A	SP
	none	none
	G	R
<u>ISP 6</u>	sparse	deep orange
	A	SP
	-	-
<u>ISP 7</u>	G	R
	good	deep orange
	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:**

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
+	-	-	+	-	-	+	-	+	+	-

**Comments:** Deep orange on medium 5429 and pale orange on 5475



***Nocardia alba***

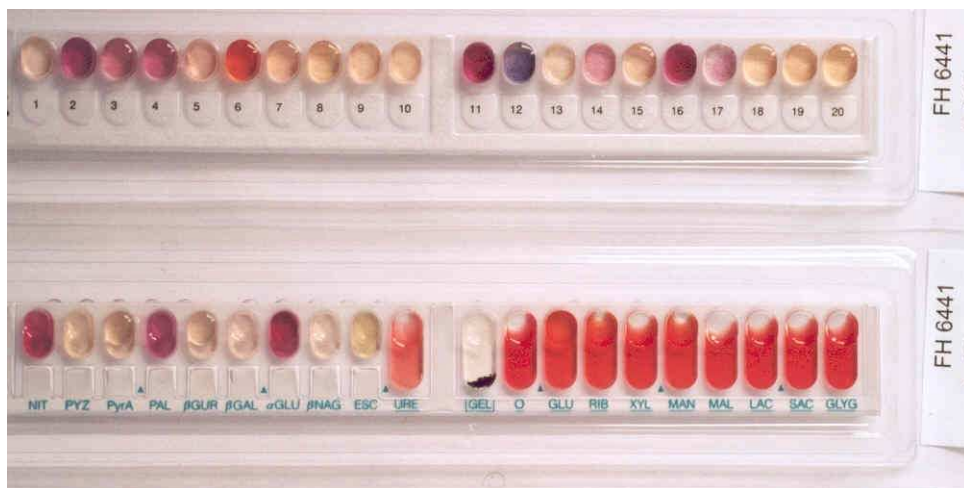
A and B – Agar plates medium 5006, 5265, 5315, 5429 and 5475



***Nocardia alba***

C and D – Microplate with ISP- and melanin media





### ***Nocardia alba***

E – Use of carbohydrates

F – Api Zym (upper) and Coryne