

Name: ***Nocardia altamirensis***

Authors: Jurado et al. 2008

Status: sp. nov. (VP)

Reference: Int. J. Syst. Evol. Microbiol. 58:2213

Risk group: 2 (German classification)

Type strain: CIP 109606, DSM 44997, OFN S17

Author(s) Jurado V;Boiron P;Kroppenstedt RM;Laurent F;Couble A;Laiz L;Klenk HP;González JM;Saiz-Jimenez C;Mounié D;Bergeron E;Rodríguez-Nava V

Title *Nocardia altamirensis* sp. nov., isolated from Altamira cave, Cantabria, Spain

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**Genus:** ***Nocardia*** **FH 6974**

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**Species:** *altamirensis*

Numbers in other collections: DSM 44997

**Morphology:**

	G	R
<u>ISP 2</u>	good	pastel yellow
	A	SP
	none	none
	G	R
<u>ISP 3</u>	good	broom yellow
	A	SP
	none	none
	G	R
<u>ISP 4</u>	good	beige
	A	SP
	none	none
	G	R
<u>ISP 5</u>	good	broom yellow
	A	SP
	none	none
	G	R
<u>ISP 6</u>	good	broom yellow
	A	SP
	none	none
	G	R
<u>ISP 7</u>	good	beige
	A	SP
	cream	ochre brown

**Melanoid pigment:** - + + -

**NaCl resistance:** %

**Lysozyme resistance:**

**pH:** Value-

Optimum-

**Temperature :** Value-

Optimum- 28°C

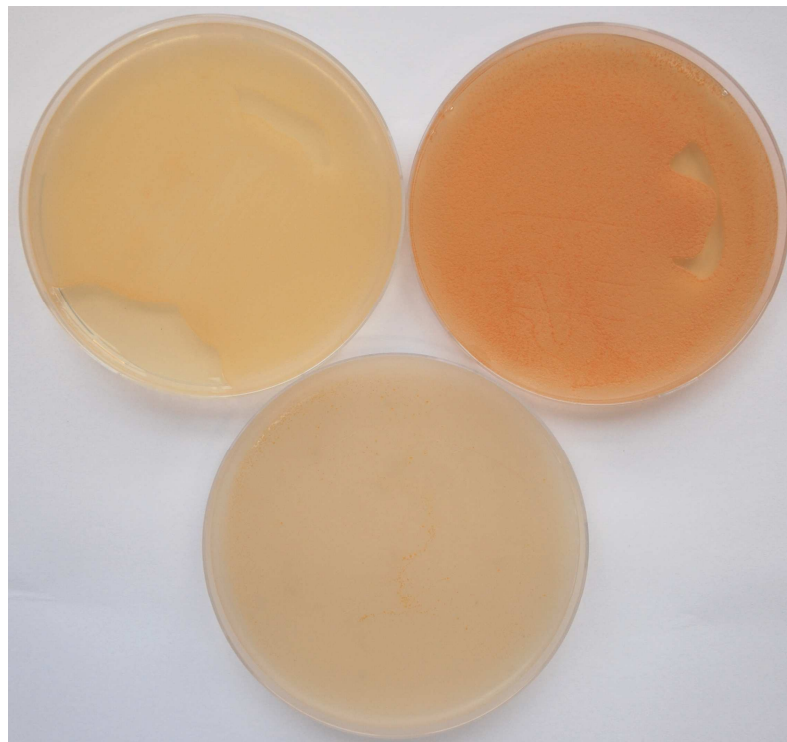
**Carbon utilization:**

Glu	Ara	Suc	Xyl	Ino nd.	Man	Fru	Rha	Raf	Cel
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**Enzymes:**

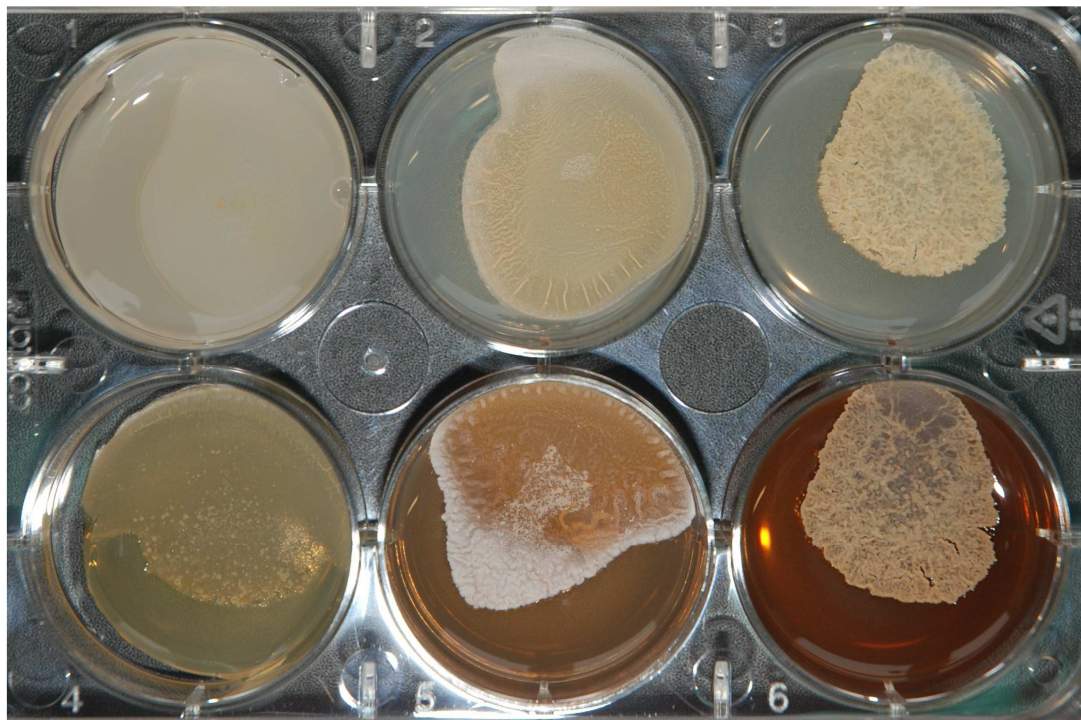
2+	3+	4+	5-	6+	7+	8-	9+	10-	11+
12+	13-	14-	15-	16+	17+	18+	19+	20-	

**Comments:**



***Nocardia altamirensis***

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



***Nocardia altamirensis***  
Microplate with ISP- and melanin media