

Name: ***Amycolatopsis plumensis***

Authors: Saintpierre-Bonaccio et al. 2005

Status: New Species

Reference: Int. J. Syst. Evol. Microbiol. 55:2060

Risk group: 1 (German classification)

Type strain: DSM 44776, NRRL B-24324, SBHS Strp1

Author: Saintpierre-Bonaccio, D., Amir, H., Pineau, R., Tan, G. Y. A.,  
Goodfellow, M.

Title: *Amycolatopsis plumensis* sp. nov., a novel bioactive  
actinomycete isolated from a New-Caledonian brown  
hypermagnesian ultramafic soil.

Journal: Int. J. Syst. Evol. Microbiol.

Volume: 55

Page: 2057-2061

Year: 2005

**Genus:** *Amycolatopsis*

FH 6601

**Species:** *plumensis*

**Numbers in other collections:** DSM 44776

**Morphology:**

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

**Melanoid pigment:** - (+) - -

**NaCl resistance:** %

**Lysozyme resistance:**

**pH:** Value-

Optimum-

**Temperature :** Value-

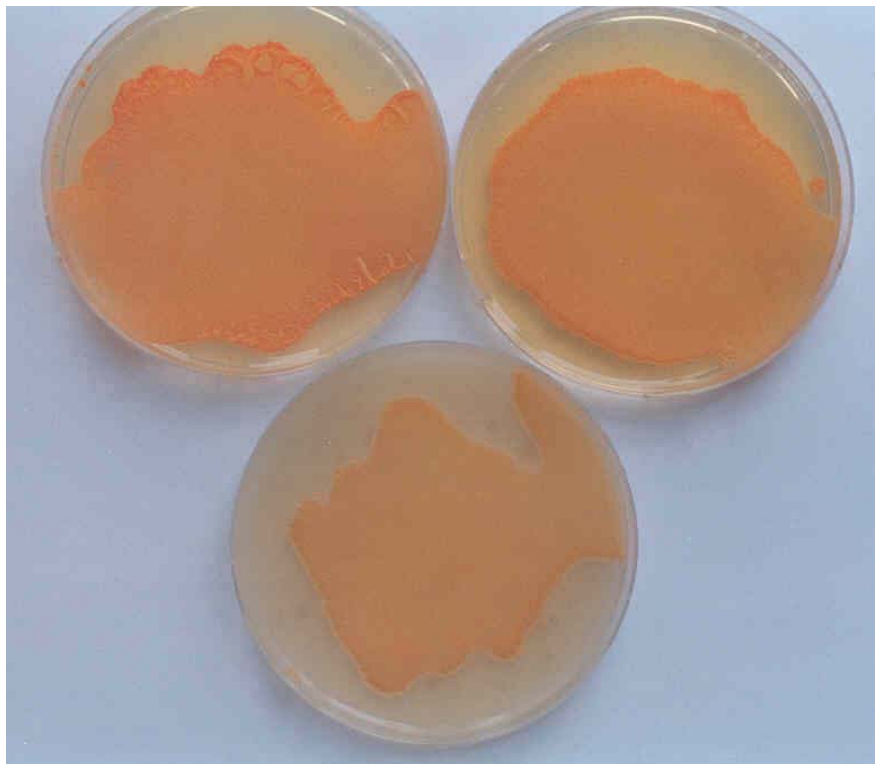
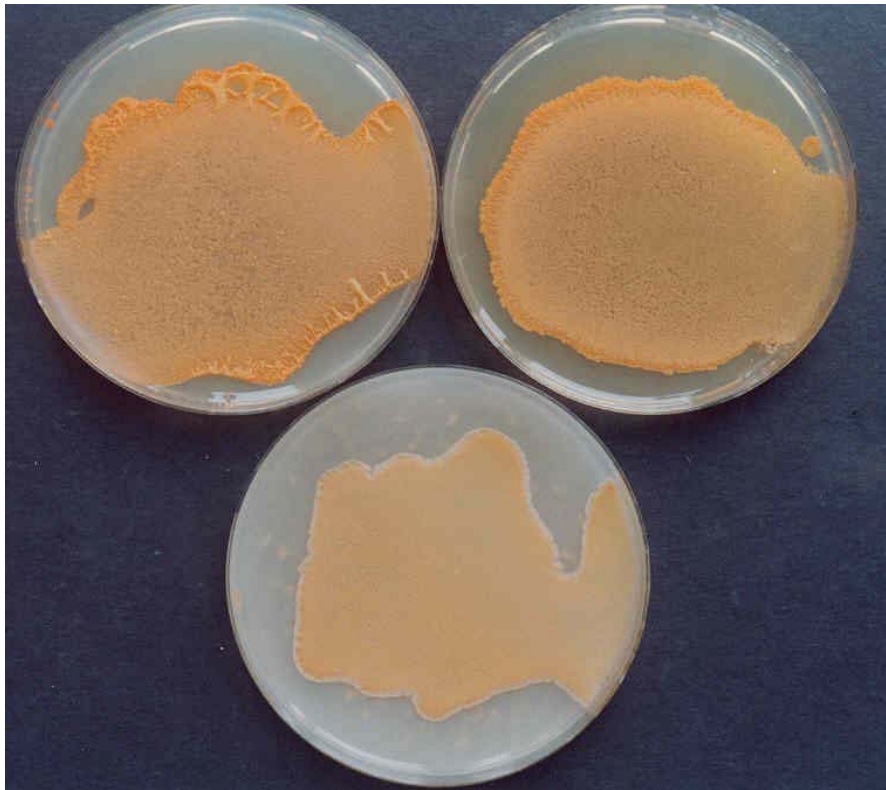
Optimum- 28 °C

**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+	



***Amycolatopsis plumensis***

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



***Amycolatopsis plumensis***

C – Microplate with ISP- and melanin media

D – Microplate for carbon utilization