

Name: ***Streptomyces lunalinharesii***

Authors: de Souza et al. 2008

Status: sp. nov. (VP)

Reference: Int. J. Syst. Evol. Microbiol. 58:2777

Type strain: ATCC BAA-1231, CIP 108852, DSM 41876, RCQ1071

Author: Souza RF;Coelho RR;Macrae A;Soares RM;Nery DC;Semêdo LTAS;Alviano CS;Gomes RC;

Title: *Streptomyces lunalinharesii* sp. nov., a chitinolytic streptomycete isolated from cerrado soil in Brazil

Journal: Int J Syst Evol Microbiol

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Year: 2008

Genus: *Streptomyces* FH 7001

Species: *lunalinharesii*

Numbers in other collections: DSM 41876

Morphology:

	G	R
<u>ISP 2</u>	good	broom beige
	A	SP
	basalt grey	none
	G	R
<u>ISP 3</u>	good	beige
	A	SP
	basalt grey	none
	G	R
<u>ISP 4</u>	good	beige
	A	SP
	basalt grey	none
	G	R
<u>ISP 5</u>	good	beige
	A	SP
	cream	none
	G	R
<u>ISP 6</u>	good	maize yellow
	A	SP
	cream	none
	G	R
<u>ISP 7</u>	good	maize yellow
	A	SP
	cream	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
				nd.					

Enzymes:

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

Comments:



Streptomyces lunalinharesii

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



Streptomyces lunalinharesii
Microplate with ISP- and melanin media

Compendium of Actinobacteria from Dr. Joachim M. Wink
University of Braunschweig