

Name: *Amycolatopsis coloradensis*

Authors: Labeda 1995

Status: New Species

Literature: Int. J. Syst. Bacteriol. 45:126

Risk group: 1 (German classification)

Type strain: DSM 44225, NRRL 3218

Author(s) Labeda, D. P.

Title *Amycolatopsis coloradensis* sp. nov., the avoparcin (LL-AV290)-producing strain.

Journal Int. J. Syst. Bacteriol.

Volume 45

Page(s) 124-127

Year 1995

Fatty acid pattern:

14 : 0 Iso	3,0	17 : 0 Anteiso	6,5
14 : 0	1,5	17 : 1 cis 9	2,0
15 : 0 Iso	14,0	17 : 0	2,5
15 : 0 Anteiso	4,0	17 : 0 10 methyl	1,0
15 : 0	1,0	18 : 0 Iso	1,0
16 : 0 Iso	14,0	18 : 1 cis 9	6,0
16 : 1 Cis 9	7,0	18 : 0	6,0
16 : 0	22,0		
17 : 0 Iso	4,5		

Genus: *Amycolatopsis*

FH 2873

Species: *coloradensis*

Numbers in other collections: NRRL 3218

Morphology:

	G	R
<u>ISP 2</u>	good	dahlia yellow
	A	SP
	oyster white	sand yellow
	G	R
<u>ISP 3</u>	good	ivory
	A	SP
	oyster white	light ivory
	G	R
<u>ISP 4</u>	good	ocher brown
	A	SP
	none	ocher brown
	G	R
<u>ISP 5</u>	sparse	pastel yellow
	A	SP
	none	light ivory
	G	R
<u>ISP 6</u>	good	ocher brown
	A	SP
	none	ocher brown
	G	R
<u>ISP 7</u>	sparse	pastel yellow
	A	SP
	none	light ivory

Spore chains:

Spore surface:

Sporangia:

Fragmentation:

Melanoid pigment: - - - -

NaCl resistance: 5 %

Lysozyme resistance:

pH: Value-

Optimum-

Temperature : Value-

Optimum-

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-		

Comments:



Amycolatopsis coloradensis

A – Agar plates medium 5006, 5265 and 5315

B – Microplate with ISP- and melanin media

