

Name: ***Actinoplanes regularis***

Authors: (Couch 1963) Stackebrandt and Kroppenstedt 1988

Status: New Combination

Literature: Int. J. Syst. Bacteriol. 38:328 (validation list)

Risk group: 1 (German classification)

Comment: new combination inadvertently omitted from List No. 26; Erratum IJSB 39:94

Type strain: CBS 193.64, DSM 43151, IFO 12514, KCC A-0062, RIA 821, UNCC 79

Synonyms: *Ampullariella regularis* (basonym)

Author(s) Stackebrandt, E., Kroppenstedt, R. M.

Title Union of the genera *Actinoplanes* Couch, *Ampullariella* Couch, *Amorphosporangium* Couch in a redefined genus *Actinoplanes*.

Journal Syst. Appl. Microbiol.

Volume 9

Page(s) 110-114

Year 1987

Fatty acid pattern:

14 : 0 Iso	7,0		
14 : 0	2,0		
15 : 0 Iso	10,0	18 : 1 cis 9	1,0
15 : 0 Anteiso	15,0	18 : 0	6,0
15 : 0	6,0		
16 : 0 Iso	19,0		
16 : 1 cis 9	1,0		
16 : 0	15,0		
17 : 0 Iso	2,0		
17 : 0 Anteiso	6,0		
17 : 1 cis 9	1,0		
17 : 0	10,0		

**Genus:** *Actinoplanes*

FH 2341

**Species:** *regularis*

**Numbers in other collections:** ATCC 31417

**Former** *Ampullariella regularis*

Morphology:

<u>ISP 2</u>	G	R
	good	brown red
	A	SP
<u>ISP 3</u>	none	red
	G	R
	good	light orange
<u>ISP 4</u>	A	SP
	none	red
	G	R
<u>ISP 5</u>	good	orange
	A	SP
	none	red
<u>ISP 6</u>	G	R
	sparse	light orange
	A	SP
<u>ISP 7</u>	none	brown
	G	R
	good	light orange
	A	SP
	none	brown red

Spore chains:

Spore surface: smooth

Sporangia: +

Fragmentation:

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

**NaCl resistance:** 0 - 2,5 %

**Lysozyme resistance:**

**pH:** Value- Optimum-

**Temperature :** Value- Optimum- 28 °C

**Carbon utilization:**

Glu	Ara	Suc	Xyl	Ino	Man	Fru	Rha	Raf	Cel
+	+	+	-	-	-	+	+	-	-

**Enzymes:**

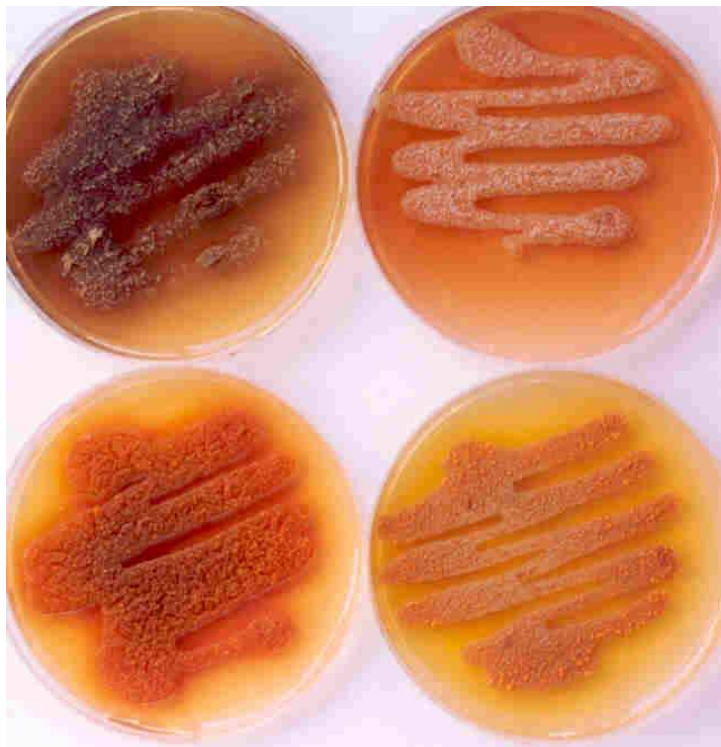
Gel	Cit	Ure	Arg	Onp	Trp	Lys	Odc	VP	Ind	H <sub>2</sub> S
+	+	+	+	+	(+)	+	+	+	-	-
2-	3(+)	4(+)	5-	6-	7-	8-	9-	10+	11+	12-
13-	14-	15-	16+	17+	18-	19-	20-			

**Comments:**



***Actinoplanes regularis***

A and B – Agar plates medium 5006, 5315 and 5323



***Actinoplanes regularis***

C and D – Agar plates medium 5313, 5322, 5337 with and without tyrosine