

Name: ***Actinoplanes consettensis***

Authors: Goodfellow et al. 1990

Status: New Species

Literature: Int. J. Syst. Bacteriol. 40:320 (validation list)

Risk group: 1 (German classification)

Type strain: DSM 43942, IFO 14913, LA 97, NCIB 20027

Author(s) Goodfellow, M., Stanton, L. J., Simpson, K. E.,
Minnikin, D. E.

Title Numerical and chemical classification of *Actinoplanes* and
some related actinomycetes.

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Year 1990

Genus: Actinoplanes

FH 2534

Species: consettensis

Numbers in other collections: ATCC 49799

Morphology:

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

Spore chains:

Spore surface: smooth

Sporangia: +

Fragmentation:

Melanoid pigment: - - - -

NaCl resistance: -

Lysozyme resistance:

pH: Value-

Optimum-

Temperature : Value-

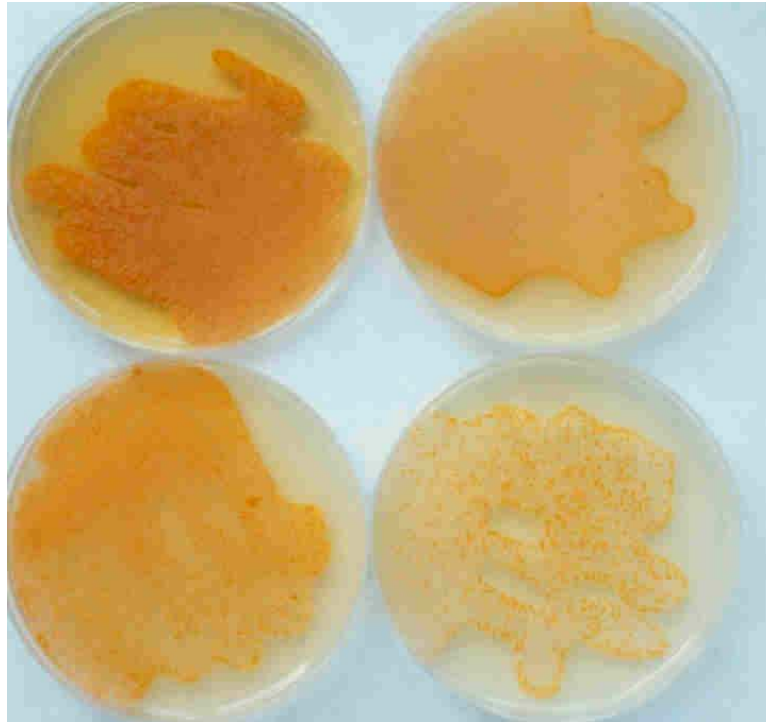
Optimum- 28 °C

Carbon utilization:

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

Enzymes:

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			
+	-	+	-	-	+	+	+	+	+	+



Actinoplanes consettensis

A – Agar plates medium 5265, 5315, 5317 and 5323

B – Agar plates medium 5006, 5318, 5322, 5337 with and without tyrosine