

Name: ***Streptomyces rectiviolaceus***  
Authors: Sveshnikova 1986  
Status: New Species  
Reference(s): Int. J. Syst. Bacteriol. 36:575 (validation list)  
Risk group: 1 (German classification)  
Type strain: INMI 563, VKM 282, DSM 41459



***Streptomyces rectiviolaceus***

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

**Genus:** *Streptomyces*

FH 2517

**Species:** *rectiviolaceus*

**Numbers in other collections:** ATCC 43690

Sveshnikova 1986

Morphology:

	G	R
<u>ISP 2</u>	good	red
	A	SP
	white	none
	G	R
<u>ISP 3</u>	good	red
	A	SP
	sparse, white	none
	G	R
<u>ISP 4</u>	good	colorless
	A	SP
	sparse, white	none
	G	R
<u>ISP 5</u>	good	colorless
	A	SP
	sparse, white	none
	G	R
<u>ISP 6</u>	good	beige
	A	SP
	none	none
	G	R
<u>ISP 7</u>	good	red
	A	SP
	white	none

Spore chains: RF

Spore surface: smooth

Sporangia:

Fragmentation:

**Melanoid pigment:** - - - -

**NaCl resistance:** 7,5 %

**Lysozyme resistance:**

**pH:** Value- Optimum-

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

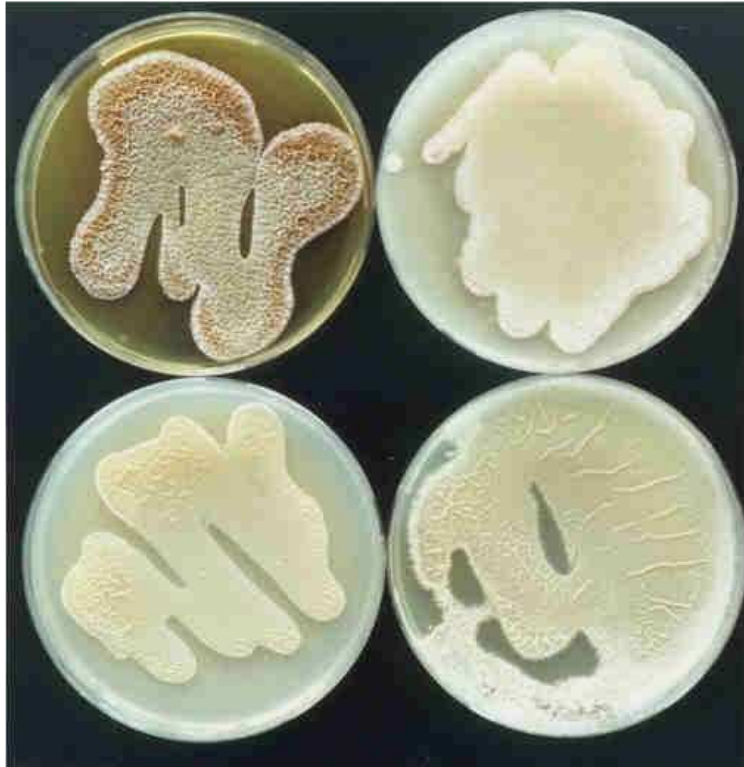
**Carbon utilization:**

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

**Enzymes:**

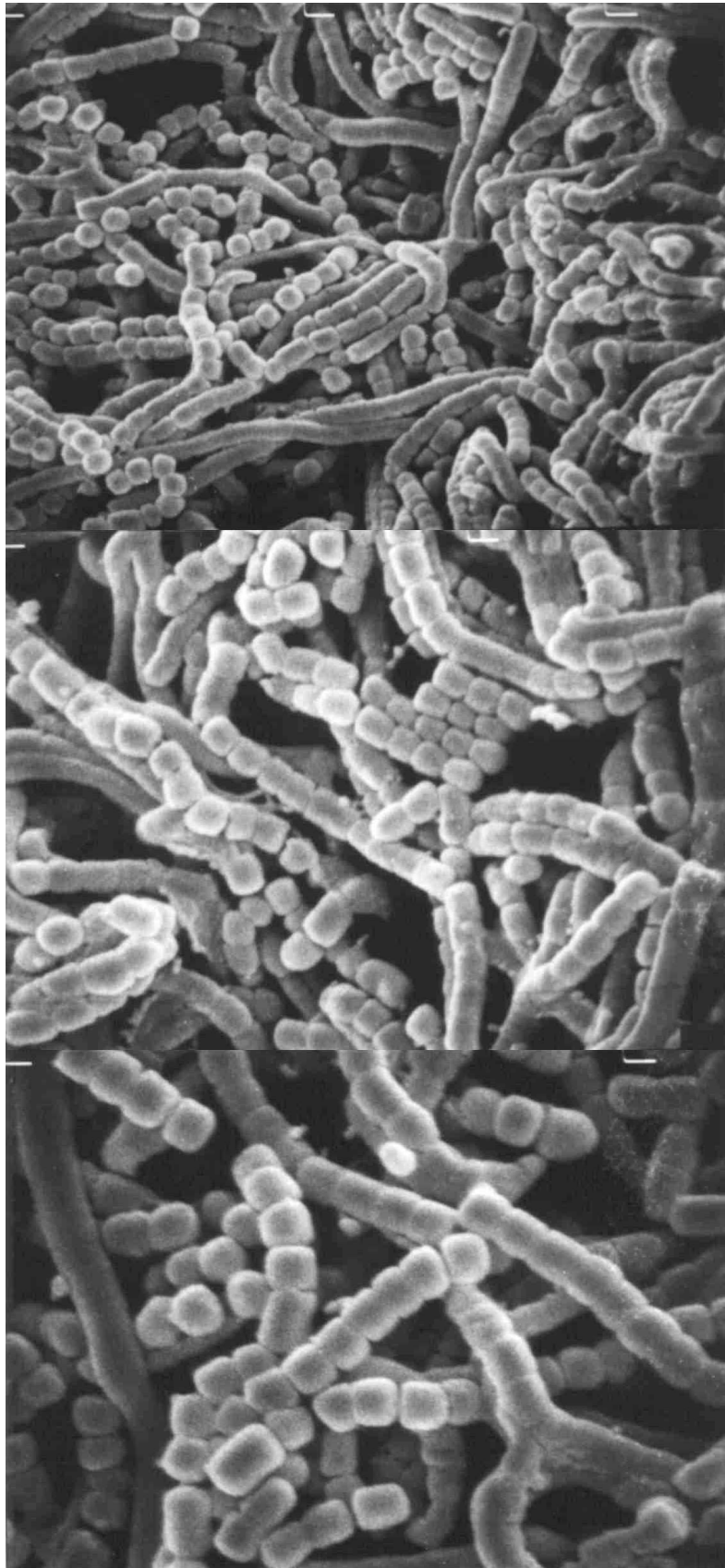
Gel	Cit	Ure	Arg	Onp	Trp	Lys	Odc	VP	Ind	H2S
+	+	+	+	+	-	+	+	-	-	-

**Comments:**



***Streptomyces rectiviolaceus***

B and C – Agar plates medium 5265, 5315, 5317 and 5323



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Spore chain morphology and spore surface in SEM

D x 5.000 E x 7.500 F x 10.000

