

Name: ***Streptomyces fulvissimus***

Authors: (Jensen 1930) Waksman and Henrici 1948

Status: Approved Lists

Reference(s): Int. J. Syst. Bacteriol. 30:382 (AL)

Risk group: 1 (German classification)

Type strain: NRRL B-1453, DSM 40593

Genus: *Streptomyces*

FH 2121

Species: *fulvissimus*

Numbers in other collections: NRRL B 1453

Morphology:

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

Spore chains: RF

Spore surface: smooth

Sporangia:

Fragmentation:

Melanoid pigment: on synthetical agar only

NaCl resistance: 2,5 %

Lysozyme resistance:

pH: Value-

Optimum-

Temperature : Value-

Optimum- 30°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:



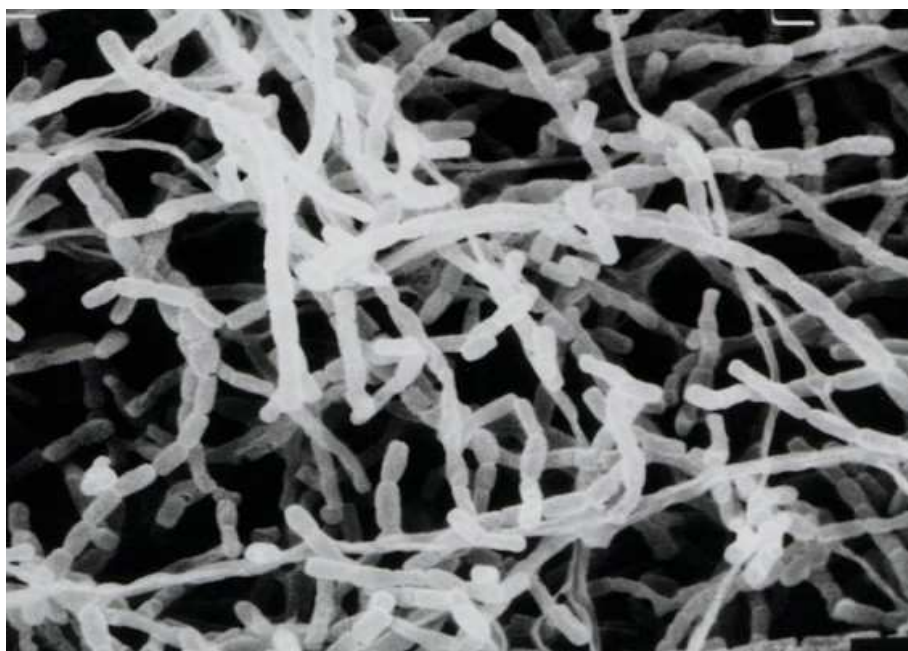
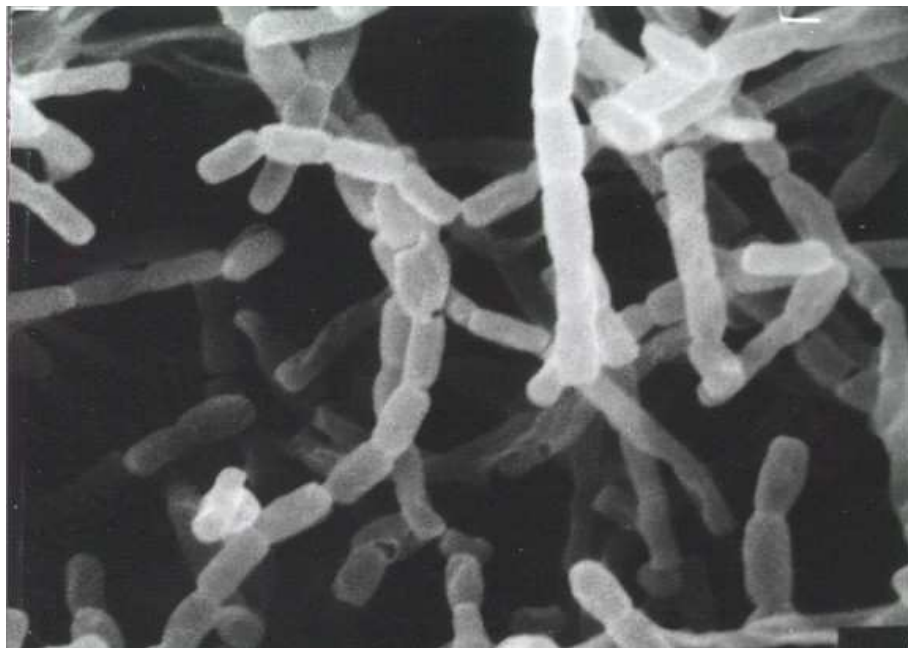
Streptomyces fulvissimus

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



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C and D – Microplate with ISP- and melanin media



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Spore chain morphology and spore surface in SEM

E x 10.000 F x 5.000