

Name: *Streptomyces cellostaticus*

Authors: Hamada 1958

Status: Approved Lists

Reference(s): Int. J. Syst. Bacteriol. 30:375 (AL)

Risk group: 1 (German classification)

Type strain: ATCC 23894, CBS 680.68, IFO 12849, IMET 42066, ISP 5189, RIA 1143, DSM 40189

Genus: *Streptomyces*

FH 2044

Species: *cellostaticus*

Numbers in other collections: DSM 40189

Morphology:

	G	R
<u>ISP 2</u>	good	brown
	A	SP
	gray	brown
	G	R
<u>ISP 3</u>	good	brown
	A	SP
	white	none
	G	R
<u>ISP 4</u>	good	yellow
	A	SP
	white	none
	G	R
<u>ISP 5</u>	good	brown
	A	SP
	white	none
	G	R
<u>ISP 6</u>	good	brown
	A	SP
	white	brown
	G	R
<u>ISP 7</u>	sparse	brown
	A	SP
	none	brown

Spore chains: SP

Spore surface: spiny

Sporangia:

Fragmentation:

Melanoid pigment: + - + -

NaCl resistance: 2,5 %

Lysozyme resistance:

pH: Value-

Optimum-

Temperature : Value-

Optimum- 30°C

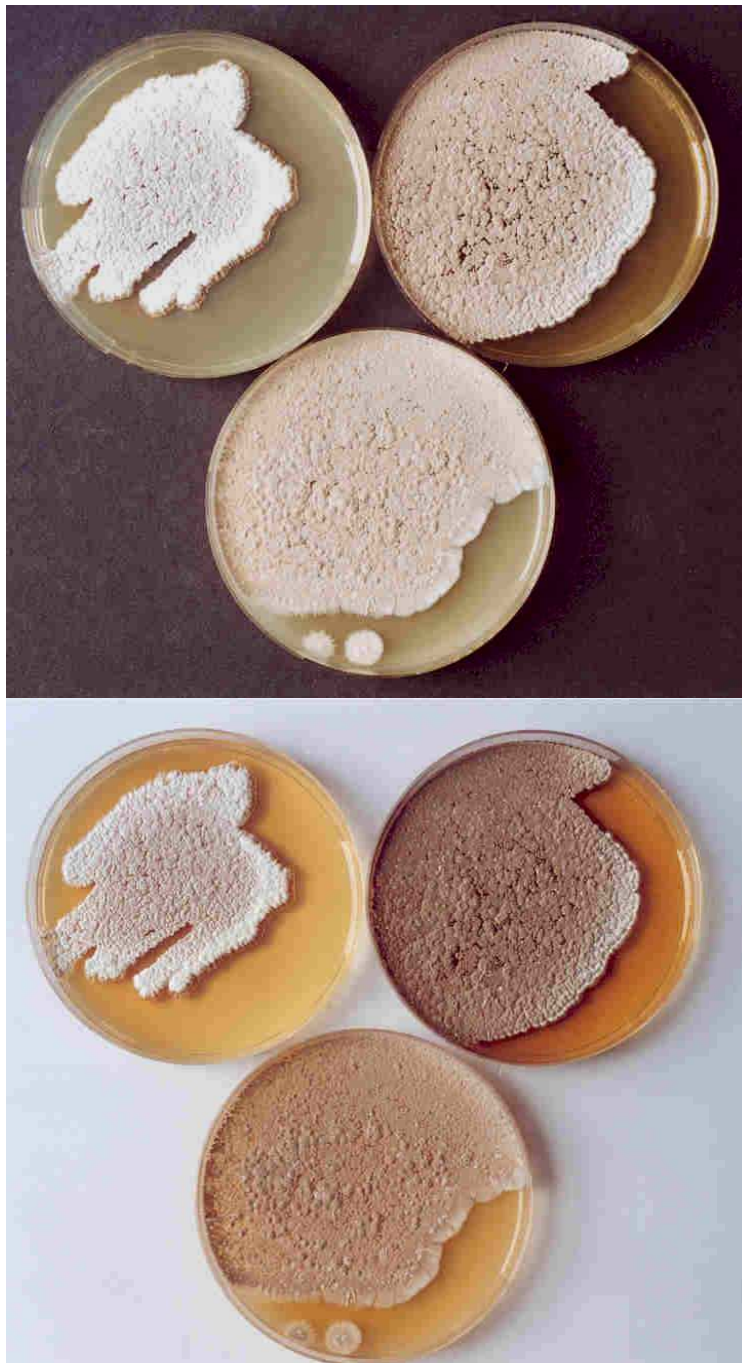
Carbon utilization:

Glu	Ara	Suc	Xyl	Ino	Man	Fru	Rha	Raf	Cel
+	+	(+)	(+)	+	+	+	+	+	+

Enzymes:

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

Comments



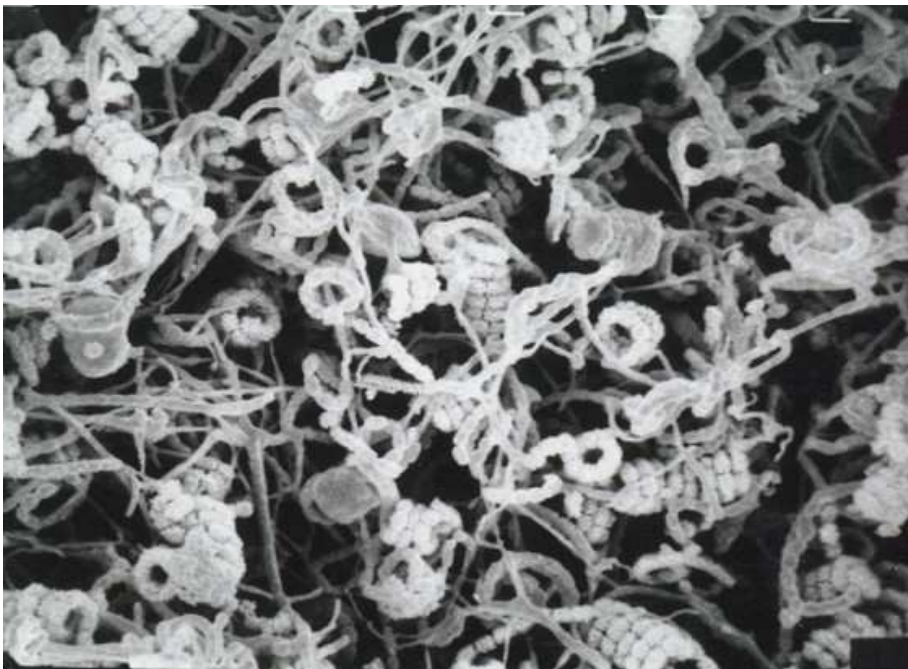
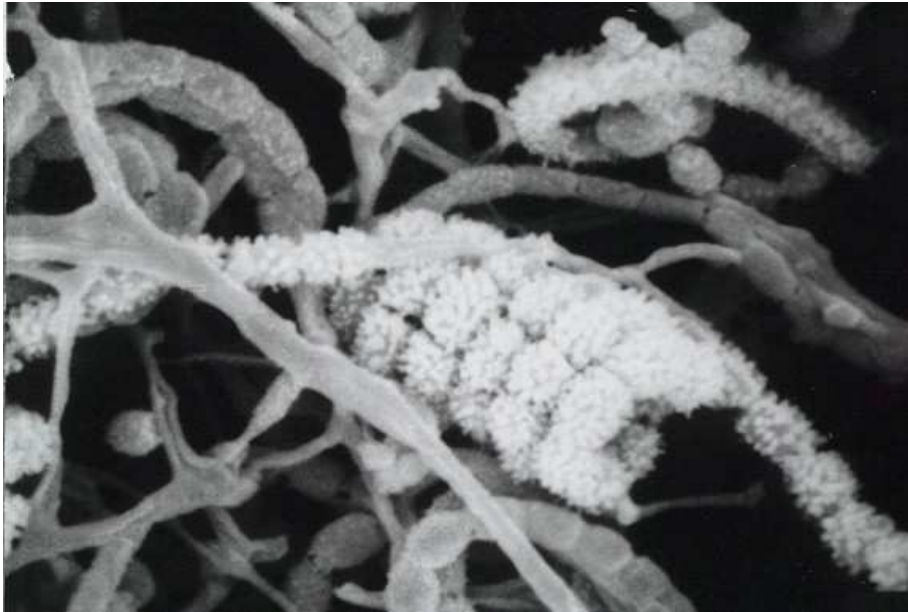
Streptomyces cellostaticus

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 chains and spore surface in SEM

E x 7.500 F x 2.000