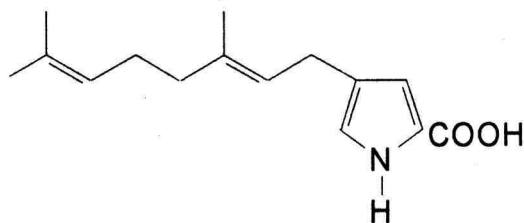


Name:	<i>Streptomyces chrestomyceticus</i>
Authors:	Canevazzi and Scotti 1959
Status:	Approved Lists
Reference(s):	Int. J. Syst. Bacteriol. 30:376 (AL)
Risk group:	1 (German classification)
Type strain:	ATCC 14947, DSM 40545

Secondary metabolites from *Streptomyces chrestomyceticus*

Pyrrolostatin, lipid peroxidation inhibitor



Genus: *Streptomyces*

FH 2082

Species: *chrestomycticus*

Numbers in other collections: DSM 40545

Morphology:

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

Spore chains: Sp

Spore surface: smooth

Sporangia:

Fragmentation:

Melanoid pigment: -

NaCl resistance: 5 %

Lysozyme resistance: 1 %

pH: Value-

Optimum-

Temperature : Value-

Optimum- 28°C

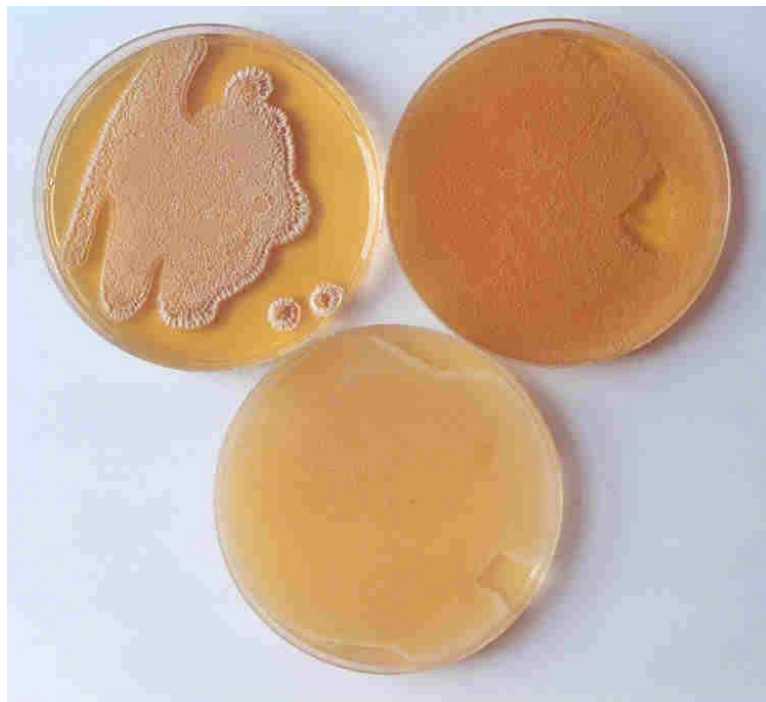
Carbon utilization:

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

Enzymes:

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

Comments



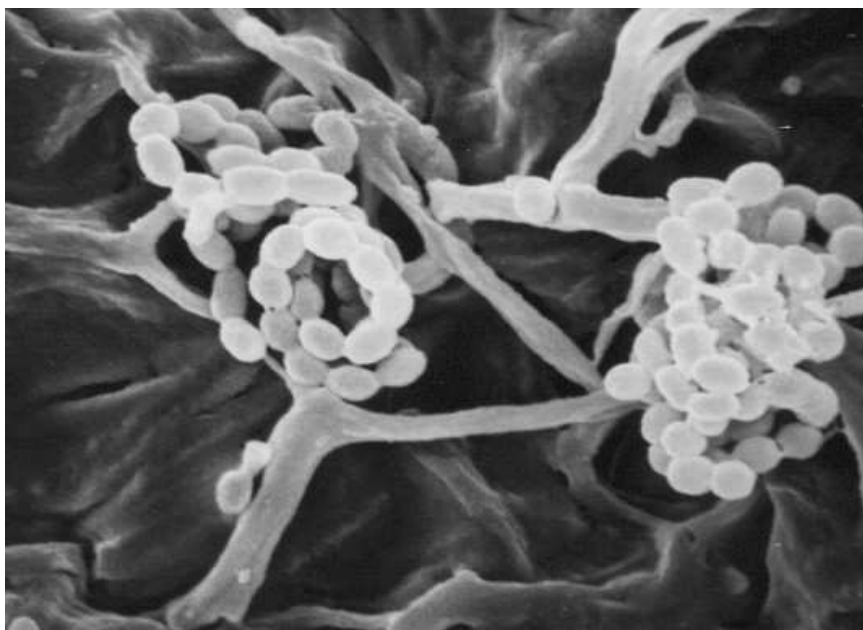
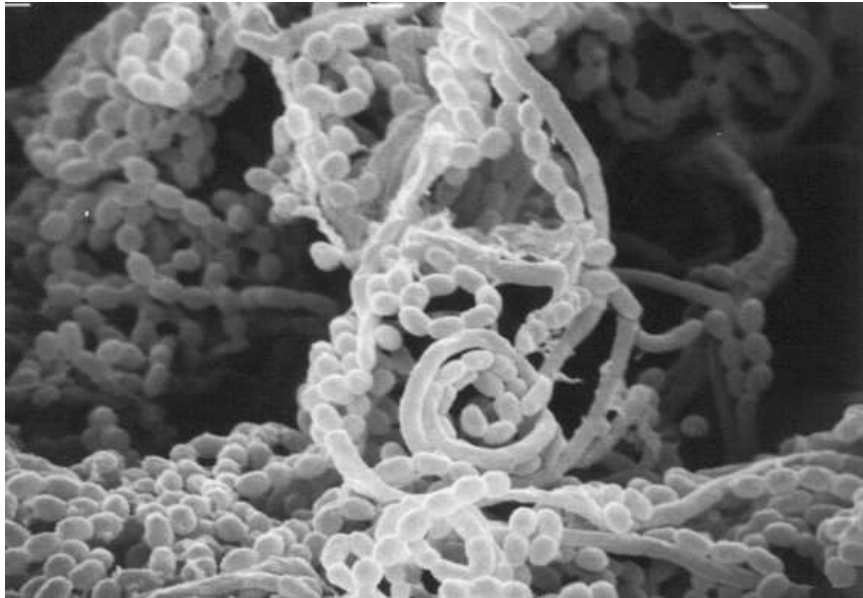
Streptomyces chrestomyceticus

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



Streptomyces chrestomyceticus

C and D – Microplate with ISP- and melanin media



Streptomyces chrestomyceticus

Spore chain morphology and spore surface in SEM

E x 5.000 F x 7.500