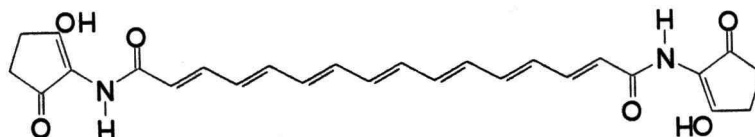


Name:	<i>Streptomyces limosus</i>
Authors:	Lindenbein 1952
Status:	Approved Lists
Reference(s):	Int. J. Syst. Bacteriol. 30:391 (AL)
Risk group:	1 (German classification)
Type strain:	ATCC 19778, CBS 531.68, IFO 12790, ISP 5131, RIA 1058, DSM 40131

Secondary metabolites from *Streptomyces limosus*
Limocrocin, active against gram-positive bacteria.



Genus: *Streptomyces*

FH 2211

Species: *limosus*

Numbers in other collections: DSM 40455

Morphology:

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

Spore chains: RF

Spore surface: smooth

Sporangia:

Fragmentationn:

Melanoid pigment: -

NaCl resistance: growth up to 7,5 %

Lysozyme resistance:

pH: Value-

Optimum-

Temperature : Value-

Optimum- 30°C

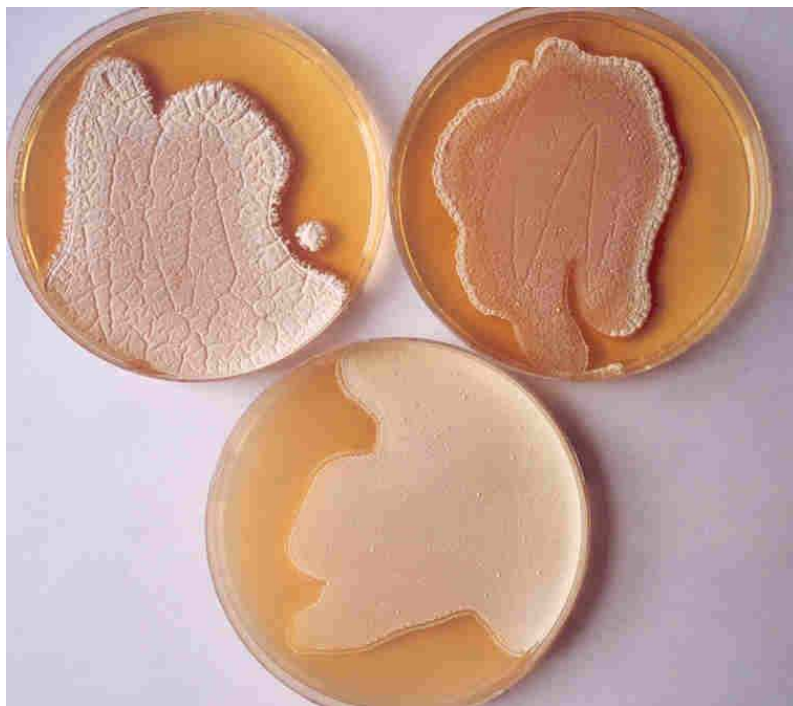
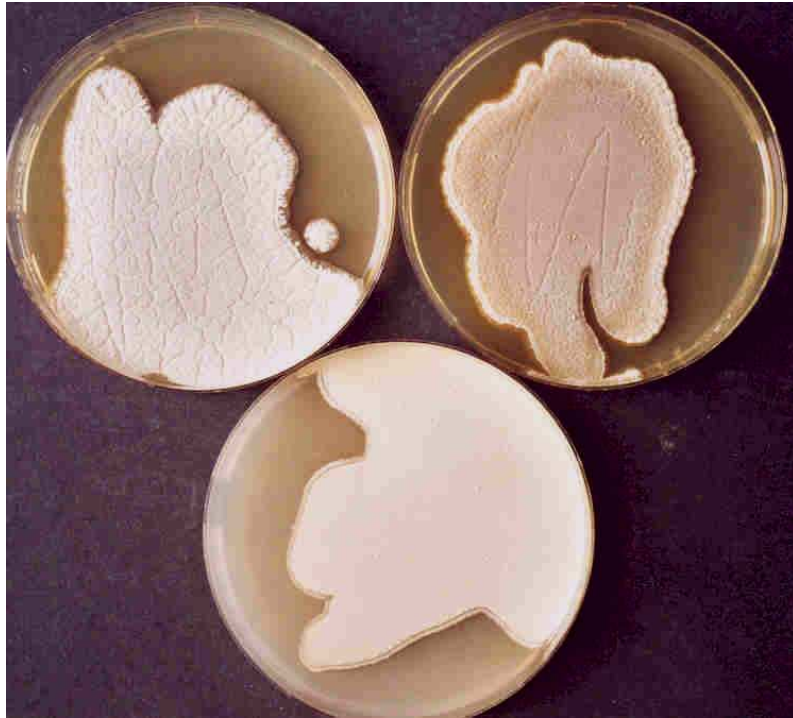
Carbon utilization:

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

Enzymes:

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

Comments:



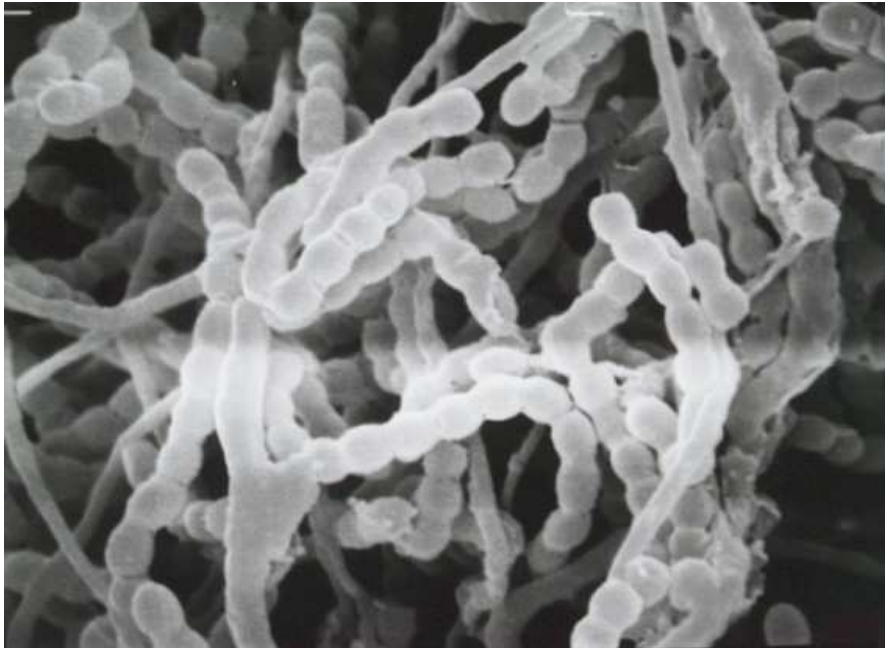
Streptomyces limosus

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



Streptomyces limosus

C and D – Microplate with ISP- and melanin media



Streptomyces limosus

E – Spore chain morphology and spore surface in SEM (x 7.500)