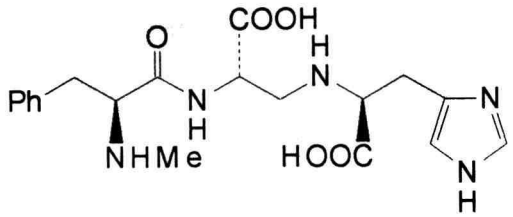
Name:	*Streptomyces clavifer*
Authors:	(Millard and Burr 1926) Waksman 1953
Status:	Approved Lists
Reference(s):	Int. J. Syst. Bacteriol. 30:377 (AL)
Risk group:	1 (German classification)
Type strain:	CBS 101.27, NRRL B-2557, DSM 40843

Secondary metabolites from *Streptomyces clavifer*

Melanostatin, melanin synthesis inhibitor



Genus: ***Streptomyces*** **FH 2584**
Species: ***clavifer***
Numbers in other collections: DSM 40843

Morphology:

	G	R
ISP 2	good	sand yellow
	A	SP
	none	none
	G	R
ISP 3	good	grey yellow
	A	SP
	none	none
	G	R
ISP 4	good	colorless
	A	SP
	none	none
	G	R
ISP 5	good	colorless
	A	SP
	none	none
	G	R
ISP 6	good	colorless
	A	SP
	none	none
	G	R
ISP 7	good	colorless
	A	SP
	none	none

Spore chains: Spore surface:
Sporangia: Fragmentation:

Melanoid pigment: **- - - -**
NaCl resistance: 2,5 %
Lysozyme resistance:
pH: Value- Optimum-
Temperature : Value- Optimum- 28℃

Carbon utilization:

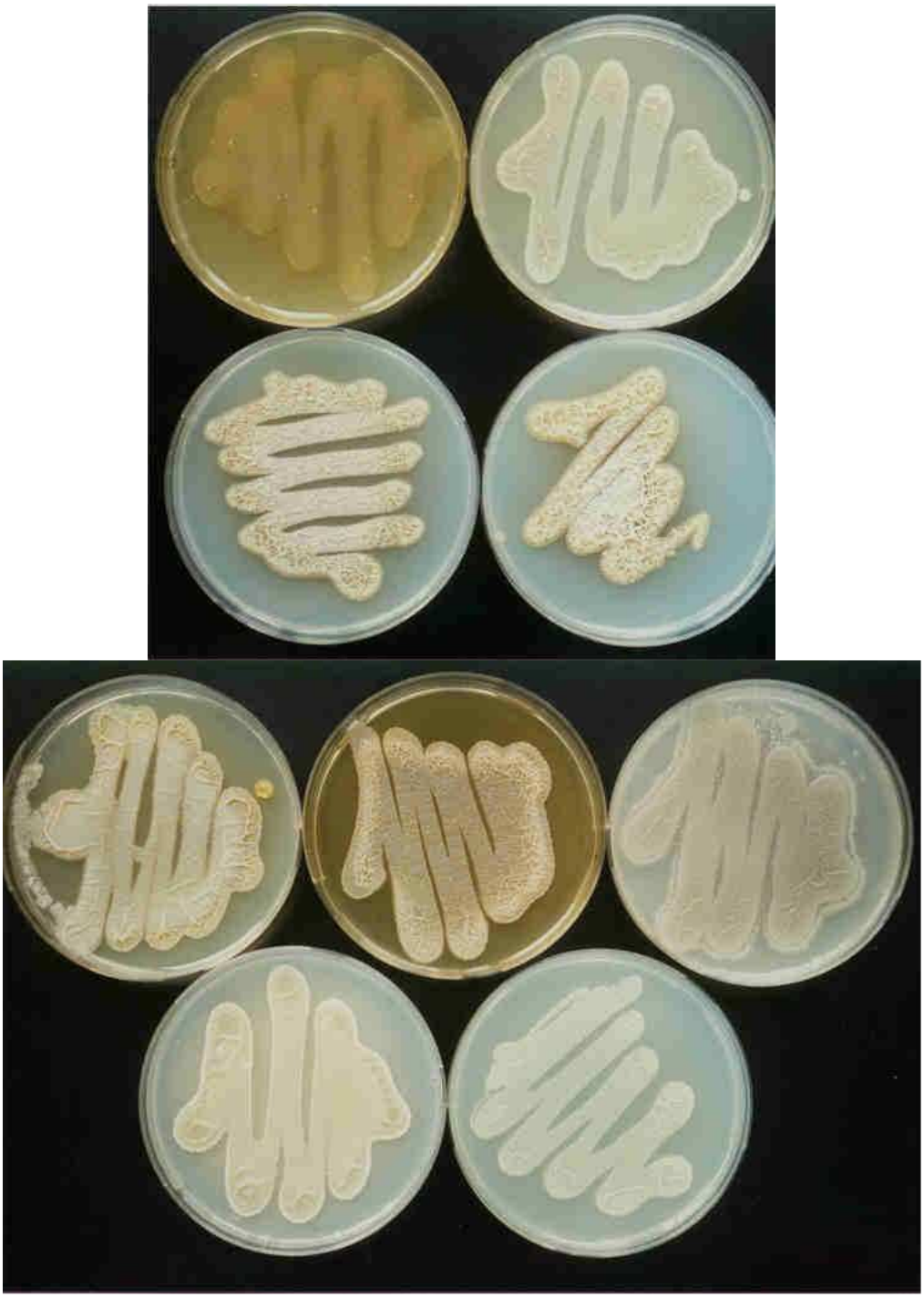
Glu	Ara	Suc	Xyl	Ino	Man	Fru	Rha	Raf	Cel
+	+	+	+	+	+	++	+	-	-

Enzymes:

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

2+ 3+ 4+ 5+ 6+ 7+ 8- 9+ 10- 11+ 12+ 13+ 14+ 15- 16+ 17+ 18- 19- 20-

Comments



Streptomyces clavifer
A – Agar plates 5265, 5315, 5317 and 5323
B – Agar plates 5006, 5318, 5322, 5337 with and without tyrosine