

Name: ***Streptomyces mauvecolor***

Authors: Okami and Umezawa 1961

Status: Approved Lists

Reference(s): Int. J. Syst. Bacteriol. 30:392 (AL)

Risk group: 1 (German classification)

Type strain: ATCC 29835, DSM 41702

Author(s) Murase, M., Hikiji, T., Nitta, K., Okami, Y., Takeuchi, T.,
Umezawa, H.

Title Peptimycin, a product of *Streptomyces exhibiting* apparent
inhibition against Ehrlich carcinoma.

Journal J. Antibiot. Ser. A

Volume 14

Page(s) 113-118

Year 1961

Genus: *Streptomyces*

FH 2163

Species: *mauvecolor*

Numbers in other collections: ATCC 29835

Morphology:

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

Spore chains: Sp

Spore surface: spiny

Sporangia:

Fragmentation:

Melanoid pigment: + + + -

NaCl resistance: 2,5 %

Lysozyme resistance: -

pH: Value- Optimum-

Temperature : Value- Optimum- 28 °C

Carbon utilization:

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

Enzymes:

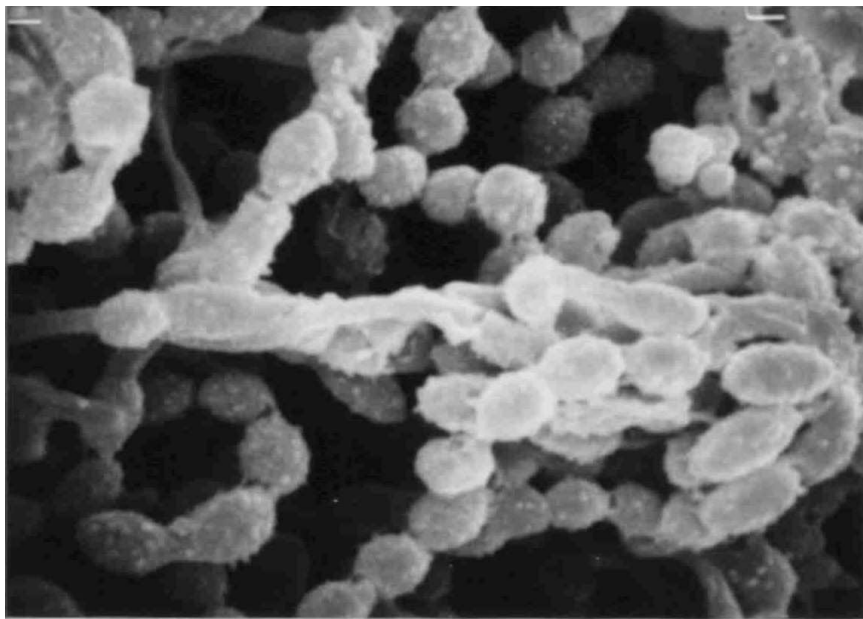
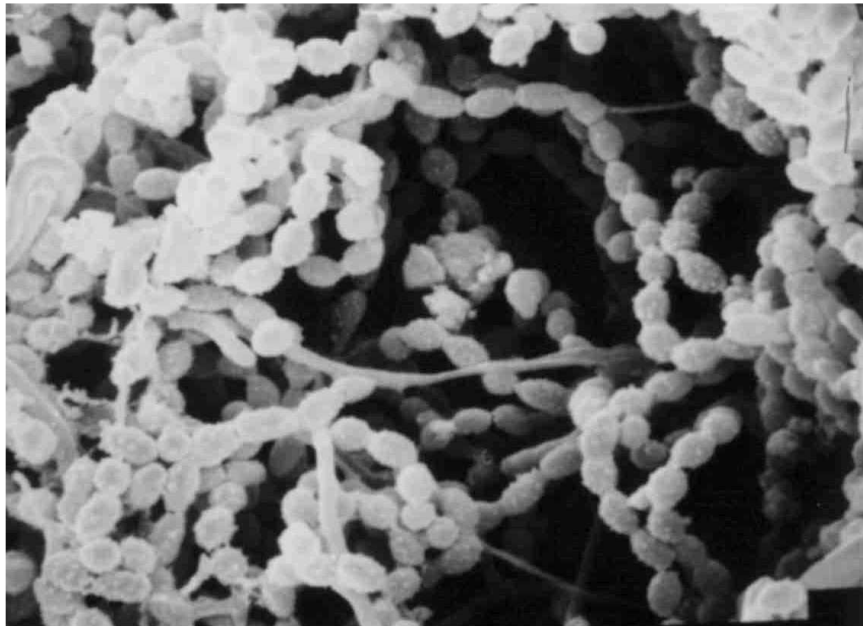
Gel	Cit	Ure	Arg	Onp	Trp	Lys	Odc	VP	Ind	H ₂ S
-	+	(+)	+	+	+	-	-	-	-	(+)

Comments:



Streptomyces mauvecolor

A and B – Agar plates medium 5323, 5317, 5265 and 5315



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Spore chain morphology and spore surface in SEM

C x 5.000 D x 7.500