

Name: ***Streptomyces erumpens***

Authors: Calot and Cercos 1963

Status: Approved Lists

Reference(s): Int. J. Syst. Bacteriol. 30:380 (AL)

Risk group: 1 (German classification)

Type strain: ATCC 23266, CBS 252.65, NRRL B-3163, DSM 40941



Streptomyces erumpens
A – Microplate for carbon utilization

Genus: *Streptomyces*

FH 2308

Species: *erumpens*

Numbers in other collections: ATCC 23266

Morphology:

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

Spore chains: Sp

Spore surface: smooth

Sporangia:

Fragmentation:

Melanoid pigment: - + + -

NaCl resistance:

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	H2S
+	+	+	+	+	+	+	+	+	-	-

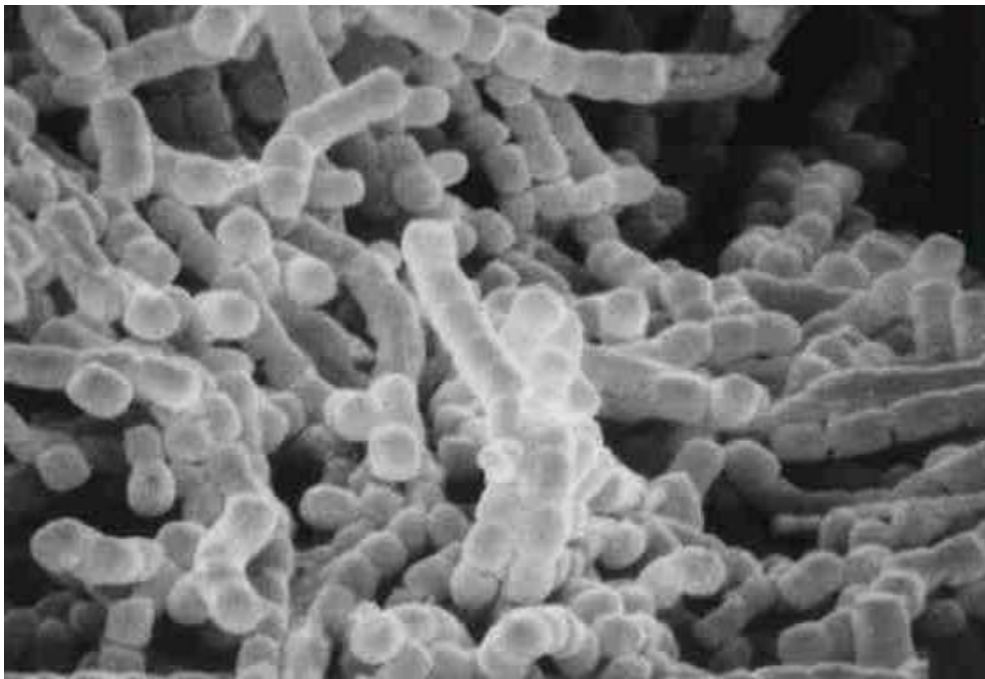
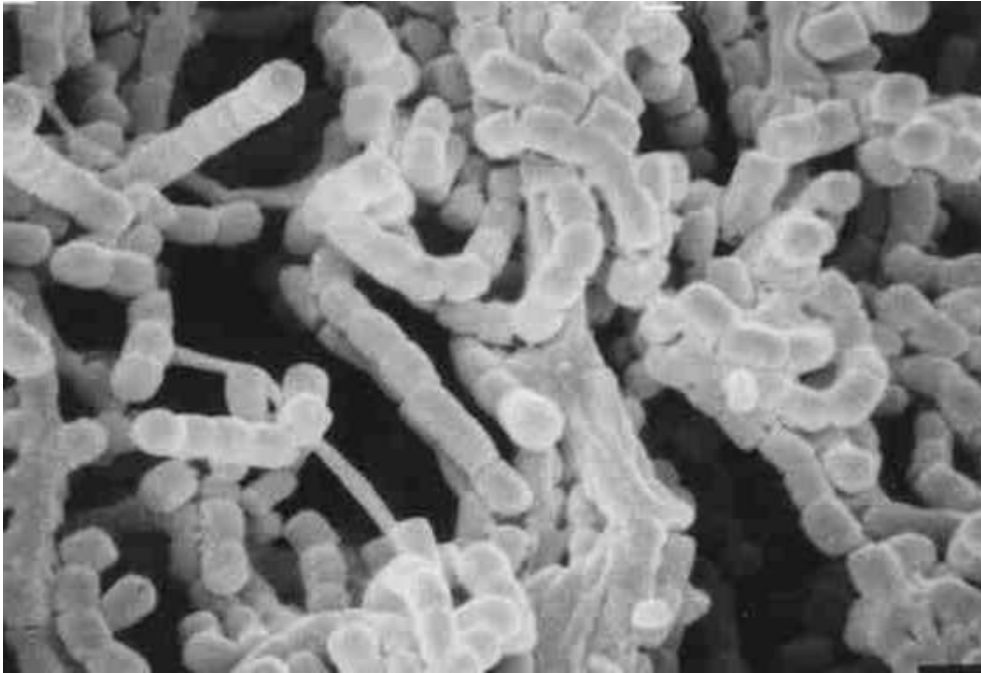
Comments:



Streptomyces erumpens

B – Agar plates medium 5265, 5315, 5317 and 5322

C – Agar plates medium 5006, 5318, 5322, 5337 with and without tyrosine



Streptomyces erumpens

Spore chain morphology and spore surface in SEM
D and E x 7.500