

Name: ***Streptomyces murinus***

Authors: Frommer 1959

Status: Approved Lists

Reference(s): Int. J. Syst. Bacteriol. 30:393 (AL)

Risk group: 1 (German classification)

Type strain: ATCC 19788, DSM 40091



Streptomyces murinus

Microplate for carbon utilization

Genus: *Streptomyces*

FH 1930

Species: *murinus*

Numbers in other collections: DSM 40091

Morphology:

	G	R
<u>ISP 2</u>	good	orange
	A	SP
	yellow/grey	yellow
	G	R
<u>ISP 3</u>	good	yellow
	A	SP
	grey	yellow
	G	R
<u>ISP 4</u>	good	orange
	A	SP
	grey	yellow
	G	R
<u>ISP 5</u>	good	yellow
	A	SP
	white	yellow
	G	R
<u>ISP 6</u>	good	yellow
	A	SP
	grey	yellow
	G	R
<u>ISP 7</u>	good	yellow
	A	SP
	grey	yellow

Spore chains: RA(a)

Spore surface: smooth

Sporangia:

Fragmentation:

Melanoid pigment: - - - -

NaCl resistance: 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
+	-	+	-	+	-	-	-	+	-	-

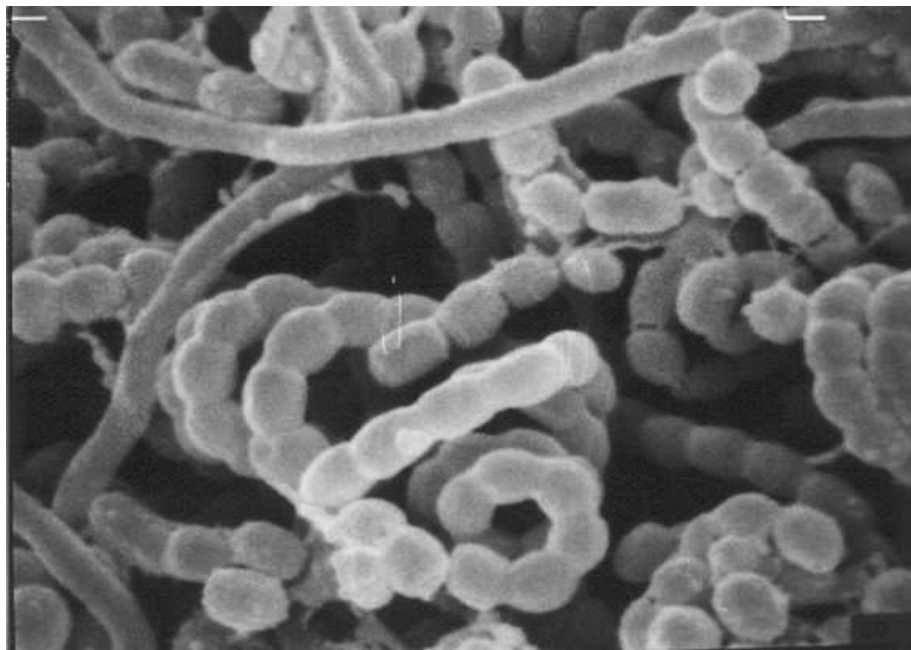
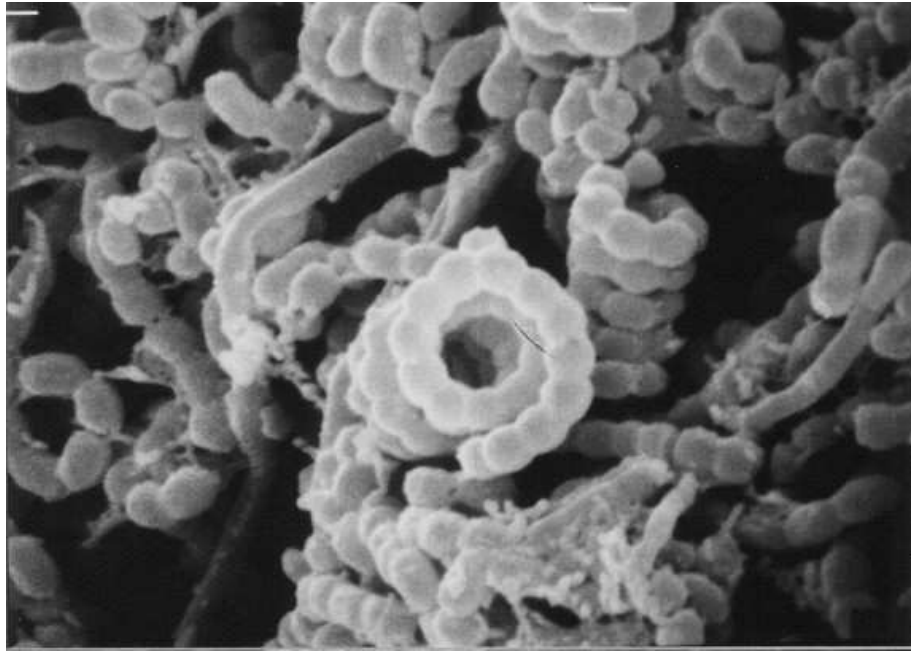
Comments:



Streptomyces murinus

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

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



Streptomyces murinus

Spore chain morphology and spore surface in SEM

C x 7.500 D x 10.000