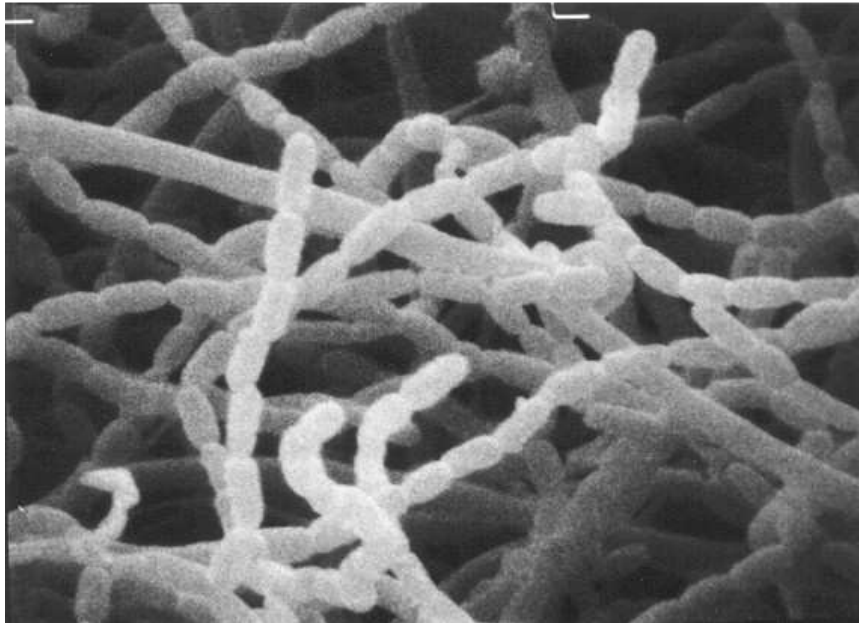


Name: ***Streptomyces xanthochromogenes***
Authors: Arishima et al. 1956
Status: Approved Lists
Reference(s): Int. J. Syst. Bacteriol. 30:405 (AL)
Risk group: 1 (German classification)
Type strain: ATCC 19818, ISP 5111, DSM 40111



Streptomyces xanthochromogenes
Smooth spores in SEM (x 7.500)

Genus: *Streptomyces*

FH 2049

Species: *xanthochromogenes*

Numbers in other collections: DSM 40111

Morphology:

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

Spore chains: Rf

Spore surface: smooth

Sporangia:

Fragmentation:

Melanoid pigment: + + + -

NaCl resistance: 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	H2S
-	-	-	-	-	-	-	-	+	-	-

Comments:



Streptomyces xanthochromogenes

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



Streptomyces xanthochromogenes

C and D – Microplate with ISP- and melanin media