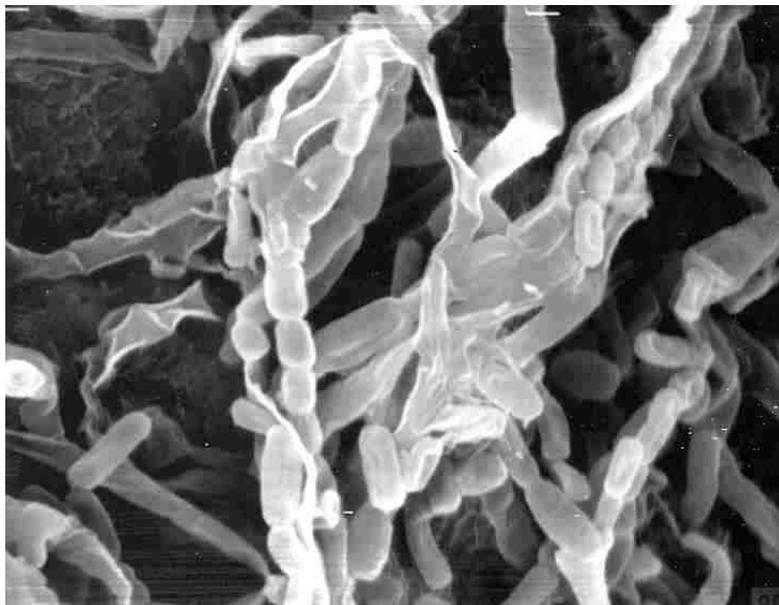
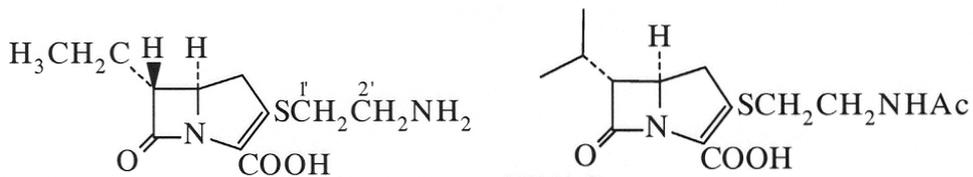


Name:	<i>Streptomyces cremeus</i>
Authors:	(Kudrina 1957) Pridham et al. 1958
Status:	Approved Lists
Reference(s):	Int. J. Syst. Bacteriol. 30:378 (AL)
Risk group:	1 (German classification)
Type strain:	ATCC 19897, IMET 43743, DSM 40147

Metabolites produced by *Streptomyces cremeus*
Antibiotic PS 6 and Antibiotic NS 5, two β -lactam antibiotics, active against gram-positive and gram-negative bacteria



Streptomyces cremeus

A – Smooth spores in SEM (x 7.500)

Genus: *Streptomyces*

FH 6347

Species: *cremeus*

Numbers in other collections: DSM 40147

Morphology:

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

Spore chains:

Spore surface:

Sporangia: -

Fragmentation: -

Melanoid pigment: - - - -

NaCl resistance: %

Lysozyme resistance:

pH: Value-

Optimum-

Temperature : Value-

Optimum- 28 °C

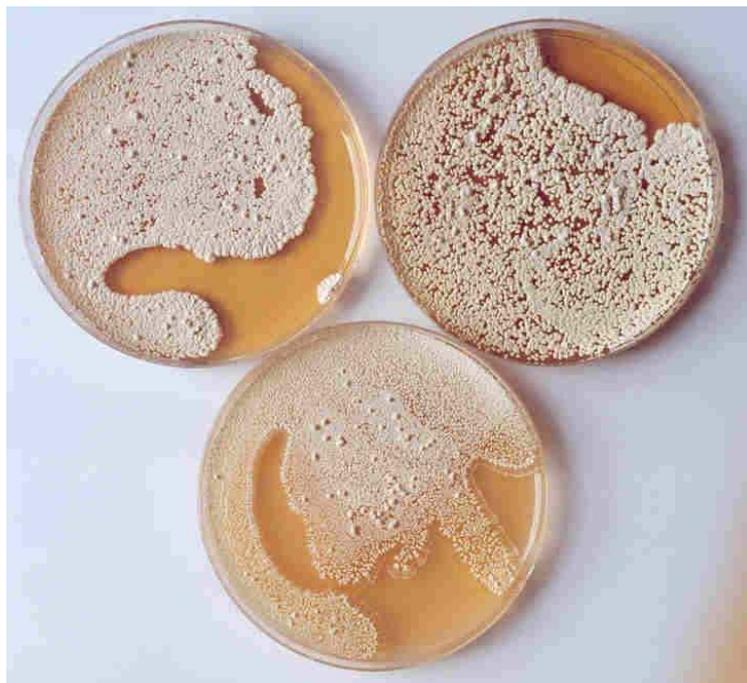
Carbon utilization:

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

Enzymes:

Gel	Cit	Ure	Arg	Onp	Trp	Lys	Odc	VP	Ind	H2S
+	+	+	-	-	-	-	-	+	-	+
2+	3+	4+	5-	6+	7+	8+	9+	10+	11+	
12+	13-	14+	15-	16+	17+	18+	19+	20-		

Comments:



Streptomyces cremeus

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



Streptomyces cremeus

D and E – Microplate with ISP- and melanin media