

Name: ***Streptomyces gramineus***
Authors: Preobrazhenskaya 1986
Status: New Species
Reference(s): Int. J. Syst. Bacteriol. 36:574 (validation list)
Risk group: 1 (German classification)
Type strain: INA 13982, DSM 41474



Streptomyces gramineus

A – Microplate with ISP- and melanin media

Genus: *Streptomyces*

FH 2888

Species: *graminearus*

Numbers in other collections: DSM 41474

Morphology:

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

Spore chains:

Spore surface:

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
-	-	+	-	-	-	-	-	+	-	-
2+	3-	4+	5-	6-	7-	8-	9-	10-	11+	
12-	13-	14-	15-	16-	17-	18+	19-	20-		

Comments:



Streptomyces gramineus

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