

Name: ***Streptomyces griseobrunneus***

Authors: Waksman 1961

Status: Approved Lists

Reference(s): Int. J. Syst. Bacteriol. 30:385 (AL)

Risk group: 1 (German classification)

Type strain: ATCC 19762, CBS 500.68, IFO 12775,  
IMET 42052, ISP 5066, RIA 1042, DSM 40066

**Genus:** *Streptomyces*

FH 6371

**Species:** *griseobrunneus*

**Numbers in other collections:** DSM 40066

Morphology:

	G	R
<u>ISP 2</u>	good	daffodil yellow
	A	SP
	none	none
	G	R
<u>ISP 3</u>	good	ivory
	A	SP
	none	none
	G	R
<u>ISP 4</u>	good	brown beige
	A	SP
	beige	none
	G	R
<u>ISP 5</u>	good	ivory
	A	SP
	none	none
	G	R
<u>ISP 6</u>	good	sand yellow
	A	SP
	none	none
	G	R
<u>ISP 7</u>	good	sand yellow
	A	SP
	none	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 griseobrunneus***

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



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C and D – Microplate with ISP- and melanin media