

Name:	<b><i>Streptomyces glaucus</i></b>
Authors:	Agre and Preobrazhenskaya 1986
Status:	New Species
Reference(s):	Int. J. Syst. Bacteriol. 36:574 (validation list)
Risk group:	1 (German classification)
Type strain:	INA G-86, INMI 2965, DSM 41456

**Genus:** *Streptomyces*

FH 2502

**Species:** *glaucus*

**Numbers in other collections:** ATCC 43685

Morphology:

	G	R
<u>ISP 2</u>	good	red
	A	SP
	gray	brown
	G	R
<u>ISP 3</u>	good	yellow
	A	SP
	squirrel gray	none
	G	R
<u>ISP 4</u>	good	brown
	A	SP
	gray	brown
	G	R
<u>ISP 5</u>	good	red brown
	A	SP
	gray	brown
	G	R
<u>ISP 6</u>	good	colorless
	A	SP
	gray	none
	G	R
<u>ISP 7</u>	good	red
	A	SP
	gray	brown

Spore chains:

Spore surface:

Sporangia:

Fragmentation:

**Melanoid pigment:** - + + -

**NaCl resistance:** -

**Lysozyme resistance:**

**pH:** Value- Optimum-

**Temperature :** Value- Optimum- 28 °C

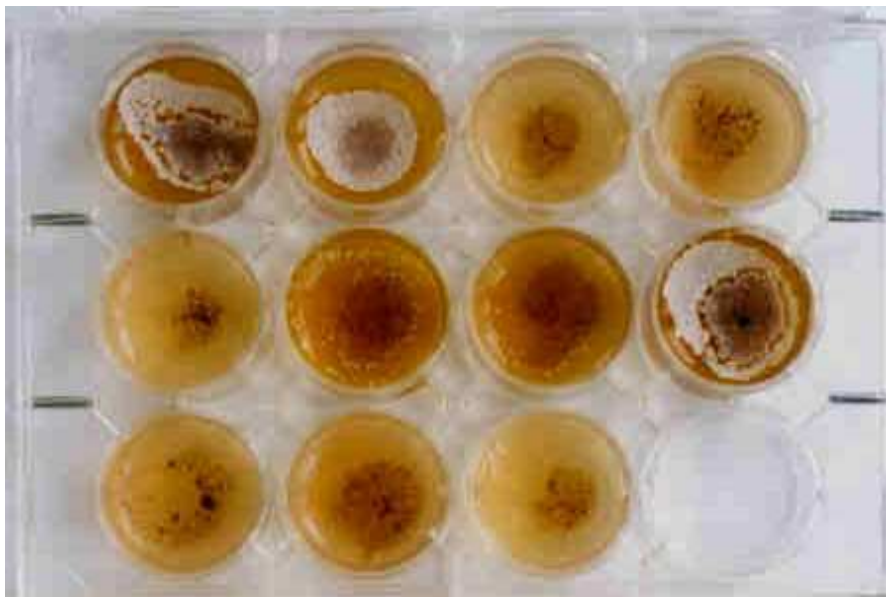
**Carbon utilization:**

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

**Enzymes:**

Gel	Cit	Ure	Arg	Onp	Trp	Lys	Odc	VP	Ind	H2S
+	+	+	+	+	-	+	+	+	-	-

**Comments:**



***Streptomyces glaucus***

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

B – Microplate with carbon utilization



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