

Name: ***Streptomyces flavofuscus***

Authors: (Kudrina 1957) Preobrazhenskaya 1986

Status: New Combination

Reference(s): Int. J. Syst. Bacteriol. 36:574 (validation list)

Risk group: 1 (German classification)

Type strain: ATCC 19908, INA 1565, DSM 41426

Other names: *Streptomyces globisporus* subsp. *flavofuscus*  
(basonym)



***Streptomyces flavofuscus***

A – Microplate with ISP- and melanin media

**Genus:** *Streptomyces*

FH 2882

**Species:** *flavofuscus*

**Numbers in other collections:** DSM 41426

Morphology:

	G	R
<u>ISP 2</u>	sparse	colorless
	A	SP
	none	none
	G	R
<u>ISP 3</u>	good	colorless
	A	SP
	pure white	none
	G	R
<u>ISP 4</u>	good	colorless
	A	SP
	pure white	none
	G	R
<u>ISP 5</u>	good	colorless
	A	SP
	none	none
	G	R
<u>ISP 6</u>	good	colorless
	A	SP
	none	none
	G	R
<u>ISP 7</u>	good	colorless
	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 flavofuscus***

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