

Name: ***Streptomyces thermolineatus***

Authors: Goodfellow et al. 1988

Status: New Species

Reference(s): Int. J. Syst. Bacteriol. 38:329 (validation list)

Risk group: 1 (German classification)

Type strain: A 1484, DSM 41451, K47

Author(s) Goodfellow, M., Lacey, J., Todd, C.
Title Numerical classification of thermophilic *Streptomyces*.
Journal J. Gen. Microbiol.
Volume 133
Page(s) 3135-3149
Year 1987



Streptomyces thermolineatus
Microplate with ISP- and melanin media

Genus: *Streptomyces*

FH 2883

Species: *thermolineatus*

Numbers in other collections: DSM 41451

Morphology:

	G	R
<u>ISP 2</u>	good	sand yellow
	A	SP
	none	none
	G	R
<u>ISP 3</u>	good	sand yellow
	A	SP
	pure white	none
	G	R
<u>ISP 4</u>	good	colorless
	A	SP
	olive green	none
	G	R
<u>ISP 5</u>	good	colorless
	A	SP
	pure white	none
	G	R
<u>ISP 6</u>	good	colorless
	A	SP
	pure white	none
	G	R
<u>ISP 7</u>	good	colorless
	A	SP
	pure white	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 thermolineatus

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