

Name: *Streptomyces carpaticus*

Authors: Maksimova and Terekhova 1986

Status: New Species

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

Risk group: 1 (German classification)

Type strain: INA 8851, DSM 41468

Genus: *Streptomyces*

FH 2495

Species: *carpaticus*

Numbers in other collections: ATCC 43678

Maksimiva et Terekhova 1986

Morphology:

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

Spore chains: Sp

Spore surface: smooth

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
+	+	+	+	-	-	+	+	-	-	-

Comments:



Streptomyces carpaticus

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



Streptomyces carpaticus

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