

Name: *Streptomyces thermoviolaceus* subsp. *apingens*
Authors: Henssen 1957
Status: Approved Lists
Reference(s): Int. J. Syst. Bacteriol. 30:402 (AL); [742], [758]
Risk group: 1 (German classification)
Type strain: ATCC 19994, DSM 41392

Name: ***Streptomyces thermoviolaceus* subsp. *thermoviolaceus***

Authors: Henssen 1957

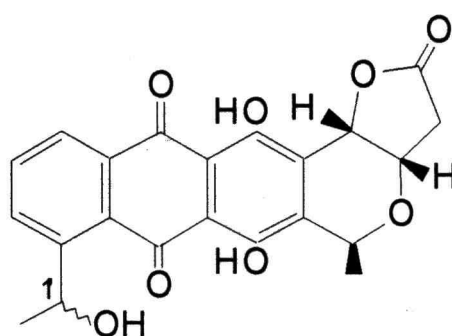
Status: Approved Lists

Reference(s): Int. J. Syst. Bacteriol. 30:402 (AL)

Risk group: 1 (German classification)

Type strain: ATCC 19283, IMET 43353, DSM 40443

Secondary metabolites of *Streptomyces thermoviolaceus*
Anthraquinone antibiotic, inhibits *Bacillus subtilis*



Genus: *Streptomyces*

FH 2023

Species: *thermoviolaceus*

Subsp.: *thermoviolaceus*

Numbers in other collections: IMET 43353

Morphology:

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

Spore chains: Rf

Spore surface: smooth

Sporangia:

Fragmentation:

Melanoid pigment: - - - -

NaCl resistance: 7,5 %

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:

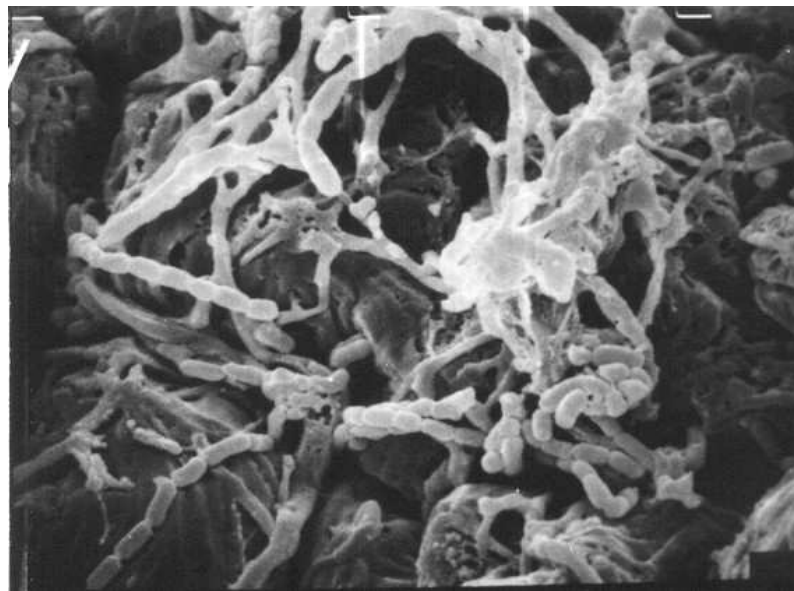


Streptomyces thermoviolaceus* subsp. *thermoviolaceus

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



Streptomyces thermoviolaceus* subsp. *thermoviolaceus
C and D – Microplate with ISP- and melanin media



Streptomyces thermoviolaceus* subsp. *thermoviolaceus

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

F – Smooth spores in SEM (x 5.000)