

Name:	<b><i>Streptomyces violens</i></b>
Authors:	(Kalakoutskii and Krassilnikov 1960) Goodfellow et al. 1987
Status:	New Combination
Reference(s):	Int. J. Syst. Bacteriol. 37:179 (validation list)
Risk group:	1 (German classification)
Type strain:	ATCC 15898, CBS 451.65, IFO 13486, IMET 43407, ISP 5597, DSM 40597
Other names:	<i>Chainia violens</i> (basonym)

**Genus:** Streptomyces

**FH 2079**

**Species:** violens

**Numbers in other collections:** DSM 40597

Former Chainia violens

Morphology:

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

Spore chains: RA

Spore surface: smooth

Sporangia:

Fragmentation: +

**Melanoid pigment:** -

**NaCl resistance:** -

**Lysozyme resistance:**

**pH:** Value- Optimum-

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

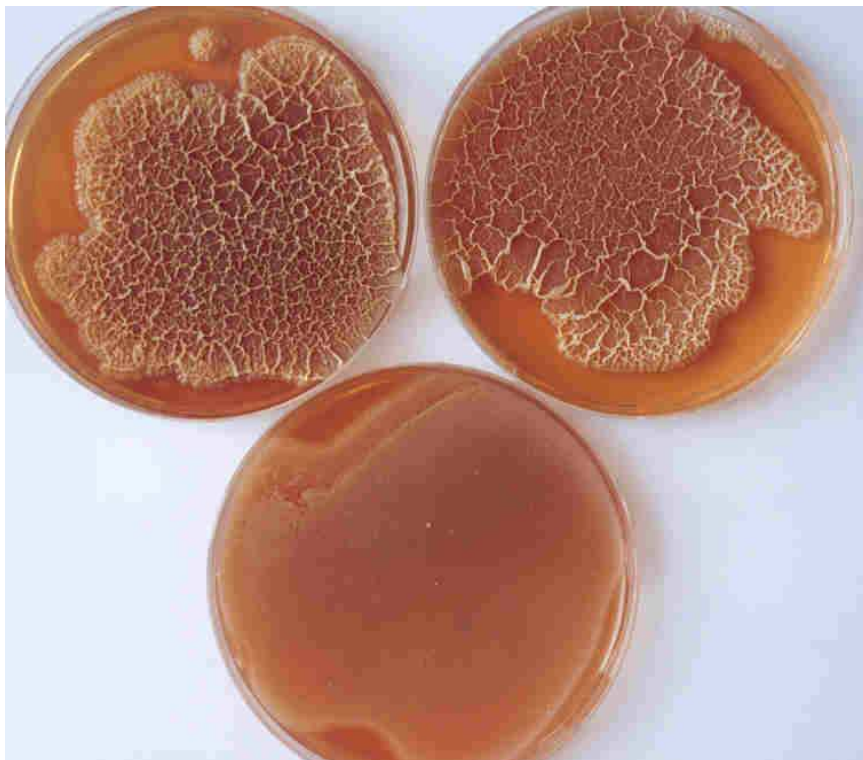
**Carbon utilization:**

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

**Enzymes:**

Gel	Cit	Ure	Arg	Onp	Trp	Lys	Odc	VP	Ind	H <sub>2</sub> S
+	-	+	-	+	+	-	-	-	-	-

**Comments:**



***Streptomyces violens***

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



***Streptomyces violens***

C and D – Microplate with ISP- and melanin media