

Name: ***Streptomyces viridodiastaticus***

Authors: (Baldacci et al. 1955) Pridham et al. 1958

Status: Approved Lists

Reference(s): Int. J. Syst. Bacteriol. 30:405 (AL)

Risk group: 1 (German classification)

Type strain: ATCC 25518, CBS 660.69, IFO 13106, ISP 5249, RIA 1298, DSM 40249

Genus: *Streptomyces*
Species: *viridodiastaticus*

FH 2078

Numbers in other collections: DSM 40249

Morphology:

	G	R
<u>ISP 2</u>	good	green
	A	SP
	grey	none
	G	R
<u>ISP 3</u>	good	yellow
	A	SP
	white	none
	G	R
<u>ISP 4</u>	good	yellow
	A	SP
	grey	none
	G	R
<u>ISP 5</u>	good	green
	A	SP
	grey	none
	G	R
<u>ISP 6</u>	good	yellow
	A	SP
	none	none
	G	R
<u>ISP 7</u>	good	green
	A	SP
	grey	none

Spore chains: RA

Spore surface: spiny

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:



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



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C and D – Microplate with ISP- and melanin media