

Name: ***Streptosporangium viridialbum***

Authors: Nonomura and Ohara 1960

Status: Approved Lists

Literature: Int. J. Syst. Bacteriol. 30:406 (AL)

Risk group: 1 (German classification)

Type strain: CBS 432.61, DSM 43801, KCC A-0027, KCC A-027,
NRRL B-2636

Fatty acid pattern:

14 : 0 Iso	2,0	17 : 0 Iso	2,0
15 : 0 Iso	13,0	17 : 0 10methyl	13,0
15 : 0	6,0	18 : 1 cis 9	3,0
16 : 0 Iso	20,0	18 : 0	3,0
16 : 1 cis 9	4,0		
16 : 0	5,0		
16 : 0 10methyl	4,0		

Genus: *Streptosporangium*

FH 2387

Species: *viridialbum*

Numbers in other collections: DSM 43801

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
	white	none
	G	R
<u>ISP 4</u>	good	sand yellow
	A	SP
	none	none
	G	R
<u>ISP 5</u>	good	sand yellow
	A	SP
	none	none
	G	R
<u>ISP 6</u>	good	sand yellow
	A	SP
	none	none
	G	R
<u>ISP 7</u>	good	sand yellow
	A	SP
	none	yellow

Spore chains:

Spore surface:

Sporangia:

Fragmentation:

Melanoid pigment: - - - -

NaCl resistance: 2,5 %

Lysozyme resistance:

pH: Value- Optimum-

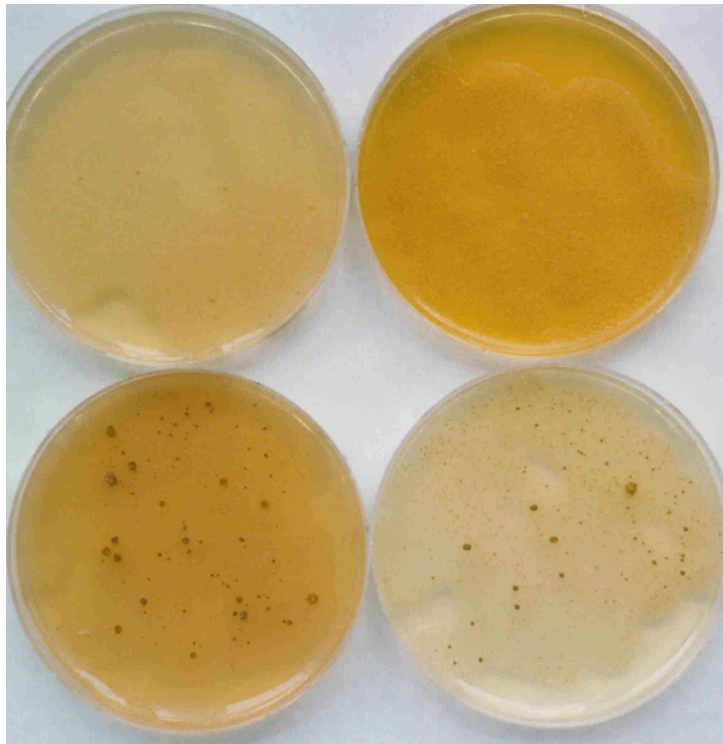
Temperature : Value- Optimum- 30 °C

Carbon utilization:

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

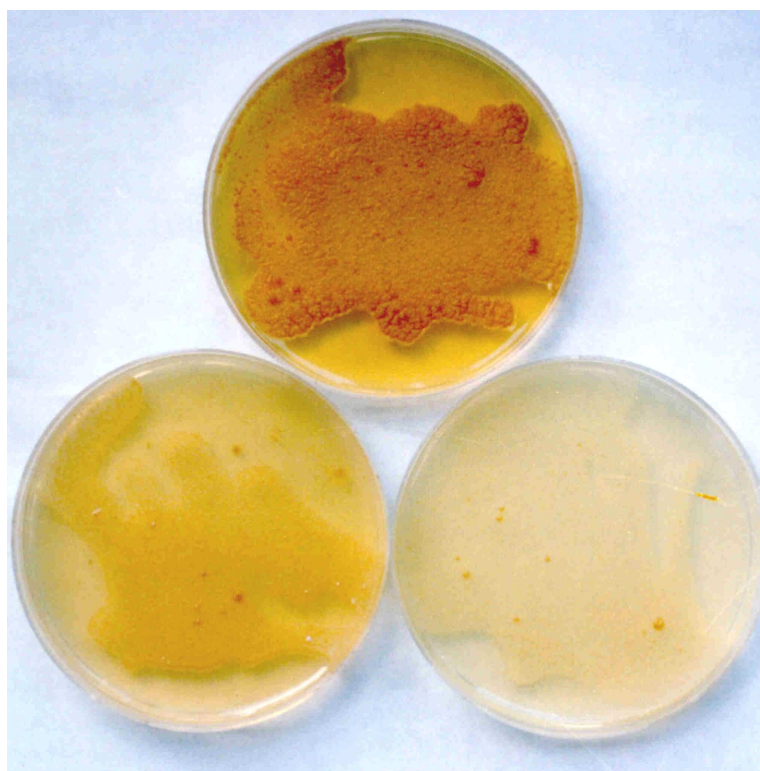
Enzymes:

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-			



Streptosporangium viridialbum

A and B – Agar plates medium 5006, 5265, 5315 and 5323



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