

Name: ***Streptosporangium album***  
Authors: Nonomura and Ohara 1960  
Status: Approved Lists  
Literature: Int. J. Syst. Bacteriol. 30:406 (AL)  
Risk group: 1 (German classification)  
Type strain: CBS 429.61, DSM 43023, IMET 9014, NRRL B-2635,  
RIA 764

Fatty acid pattern:

14 : 0 Iso	5,0	16 : 0 Iso 2OH	4,0
14 : 0	2,0	17 : 0	4,0
15 : 0	3,0	16 : 0 2OH	3,0
16 : 0 Iso	14,0	17 : 0 10 methyl	14,0
16 : 1 cis 9	6,0	18 : 1 cis 9	7,0
16 : 0	13,0	18 : 0	5,0
16 : 0 10methyl	5,0		
17 : 1 cis 9	8,0		

**Genus:** *Streptosporangium*

**FH 2390**

**Species:** *album*

**Numbers in other collections:** DSM 43023

Morphology:

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

Spore chains:

Spore surface: smooth

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	H <sub>2</sub> S
+	-	-	+	-	-	+	+	+	-	-
2+	3+	4+	5-	6+	7+	8+	9+	10-	11+	12-
13-	14+	15-	16+	17+	18+	19-	20+			



***Streptosporangium album***

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



***Streptosporangium album***

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