

Name: *Saccharomonospora glauca*

Authors: Greiner-Mai et al. 1988

Status: New Species

Literature: Int. J. Syst. Bacteriol. 38:398

Risk group: 1 (German classification)

Type strain: DSM 43769, K62

Author(s) Greiner-Mai, E., Korn-Wendisch, F., Kutzner, H. J.
Title Taxonomic revision of the genus *Saccharomonospora* and description of *Saccharomonospora glauca* sp. nov.
Journal Int. J. Syst. Bacteriol.
Volume 38
Page(s) 398-405
Year 1988

Genus: *Saccharomonospora*

FH 2547

Species: *glauca*

Numbers in other collections: ATCC 15345

Morphology:

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

Spore chains:

Spore surface: smooth

Sporangia:

Fragmentation:

Melanoid pigment: - - - -

NaCl resistance: 7,5 %

Lysozyme resistance:

pH: Value-

Optimum-

Temperature : Value-

Optimum- 37°C

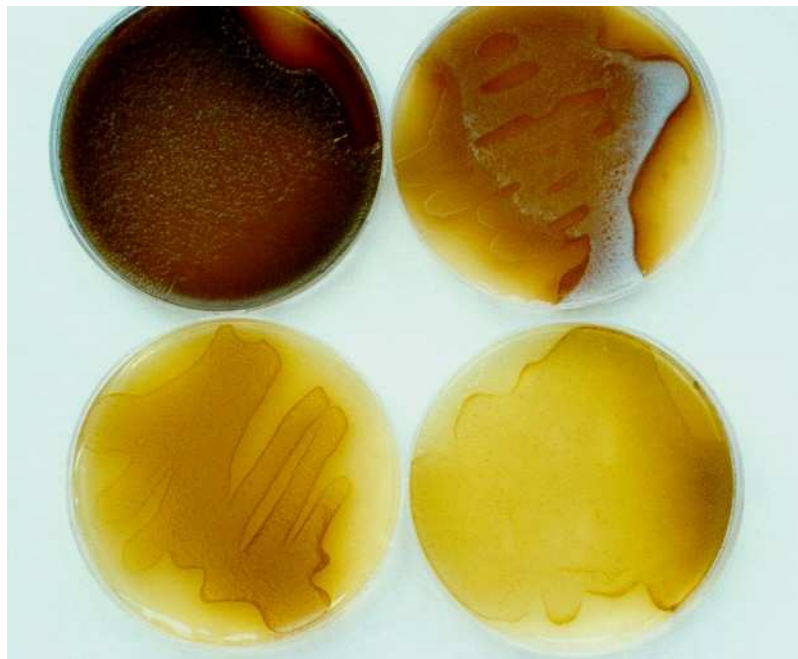
Carbon utilization:

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-			

Comments: Aerial mycelium pastel blue on salt medium.



Saccharomonospora glauca

A and B – Agar plates medium 5265, 5315, 5317 and 5323



Saccharomonospora glauca

C and D – Agar plates medium 5006, 5318, 5322, 5337 with and without tyrosine



Saccharomonospora glauca

E – Single spores in aerial mycelium (SEM x 10.000)