Name:	*Corynebacterium glaucum*
Authors:	Yassin et al. 2003
Status:	New Species
Literature:	Int. J. Syst. Bacteriol. 53:708
Risk group:	2 (German classification)
Type strain:	DSM 44530, IMMIB R-5091, NRRL B-24142

Author(s)	Yassin, A. F., Kroppenstedt, R. M., Ludwig, W.
Title	*Corynebacterium glaucum* sp. nov.
Journal	Int. J. Syst. Evol. Microbiol.
Volume	53
Page(s)	705-709
Year	2003

Copyright: PD Dr. Joachim M. Wink, HZI - Helmholtz-Zentrum für Infektionsforschung GmbH, Inhoffenstr. 7, 38124 Braunschweig, Germany, Mail: joachim.wink@helmholtz-hzi.de.

Genus: ***Corynebacterium*** **FH 6394**
Species: ***glaucum***
Numbers in other collections: DSM 44530

Morphology:

	G	R
ISP 2	good	beige
	A	SP
	none	beige
	G	R
ISP 3	good	beige
	A	SP
	none	none
	G	R
ISP 4	good	beige
	A	SP
	none	none
	G	R
ISP 5	good	beige
	A	SP
	none	none
	G	R
ISP 6	sparse	beige
	A	SP
	none	none
	G	R
ISP 7	sparse	beige
	A	SP
	none	none

Spore chains: Spore surface:
Sporangia: - Fragmentation: -

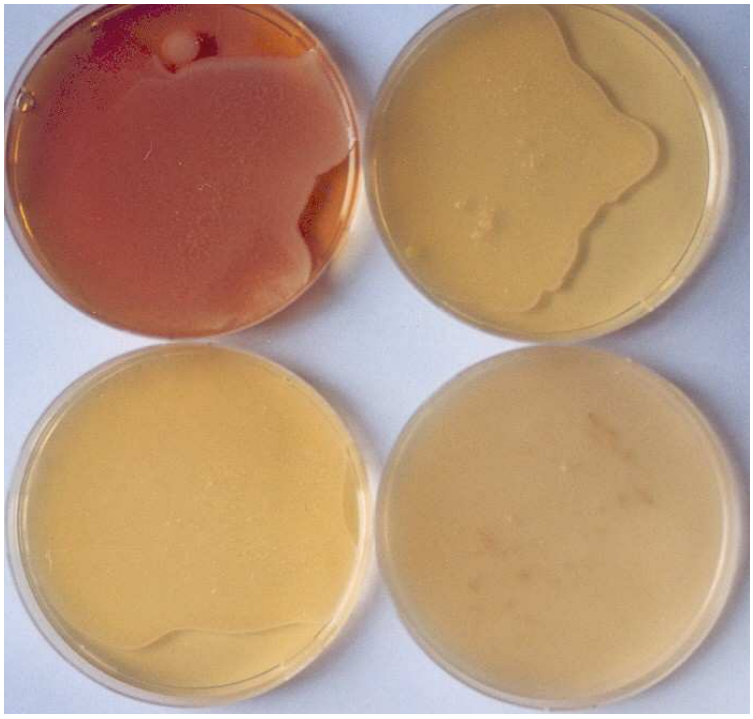
Melanoid pigment: - - - -
NaCl resistance: %
Lysozyme resistance:
pH: Value- Optimum-
Temperature : Value- Optimum- 28 ℃

Enzymes:

ZYM	2+	3(+)	4(+)	5-	6+	7-	8-	9-	10-	11+	
	12+	13-	14-	15-	16-	17-	18-	19-	20-		
ApiCoryne		Nit	Pyz	Pyr	Pal	βGur	βGal	αGlu	βNag	Esc	Ure	Gel
	-	-	-	+	-	-	-	-	-	-	-	
	Glu	Rib	Xyl	Man	Mal	Lac	Sac	Glyg				
	+	-	-	-	-	-	-	-				

Comments: Brown beige exopigment is formed on BHI medium

Copyright: PD Dr. Joachim M. Wink, HZI - Helmholtz-Zentrum für Infektionsforschung GmbH, Inhoffenstr. 7, 38124 Braunschweig, Germany, Mail: joachim.wink@helmholtz-hzi.de.



Corynebacterium glaucum
A and B – Agar plates medium BHI, 5006, 5265 and 5315

Copyright: PD Dr. Joachim M. Wink, HZI - Helmholtz-Zentrum für Infektionsforschung GmbH, Inhoffenstr. 7, 38124 Braunschweig, Germany, Mail: joachim.wink@helmholtz-hzi.de.