

Name: ***Gordonia malaquae***

Authors: Yassin et al. 2007

Status: New Species

Literature: Int. J. Syst. Evol. Microbiol. 57: 1068

Risk group: 1 (German classification)

Type strain: CCUG 53555, DSM 45064, IMMIB WWCC-22

Author: Yassin AF; Shen FT; Hupfer H; Arun AB; Lai WA; Rekha PD; Young CC

Title: *Gordonia malaquae* sp. nov., isolated from sludge of a wastewater treatment plant

Journal: Int J Syst Evol Microbiol

Volume: 57

Page: 1065-1068

Year: 2007



Api Zym (upper) and Coryne

**Genus:** *Gordonia* **FH 6868**

**Species:** *malaquae*

**Numbers in other collections:** DSM 45064

**Morphology:**

	G	R
<u>ISP 2</u>	good	sand yellow
	A	SP
	none	none
	G	R
<u>ISP 3</u>	sparse	cream
	A	SP
	none	none
	G	R
<u>ISP 4</u>	sparse	cream
	A	SP
	none	none
	G	R
<u>ISP 5</u>	none	
	A	SP
	G	R
<u>ISP 6</u>	sparse	cream
	A	SP
	none	none
	G	R
<u>ISP 7</u>	none	
	A	SP

**Melanoid pigment:** - - - -

**NaCl resistance:** %

**Lysozyme resistance:**

**pH:** Value- Optimum-  
**Temperature :** Value- Optimum- 28 °C

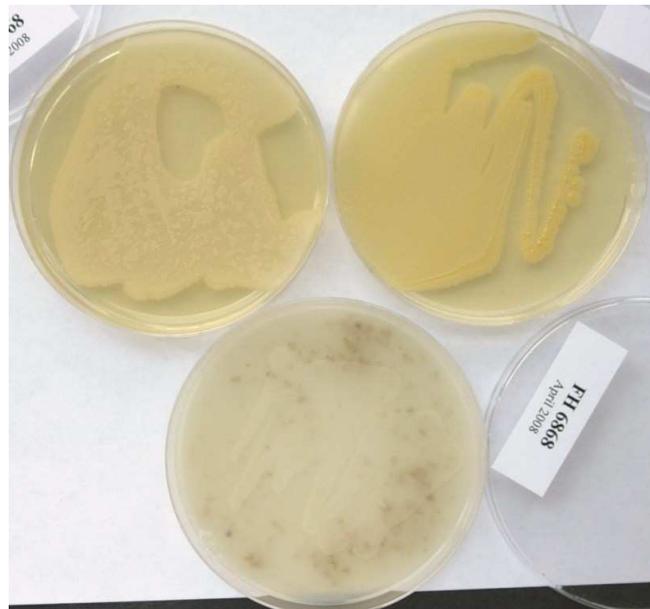
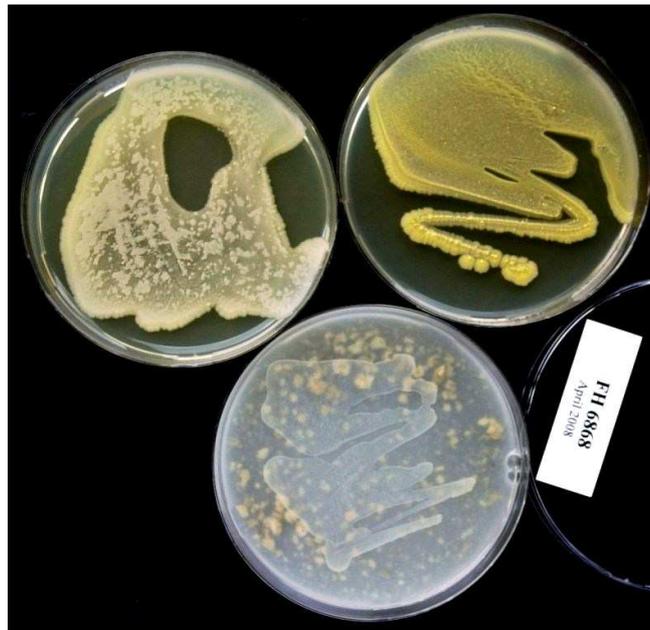
**Carbon utilization:**

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

**Enzymes:**

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

**Comments:**



***Gordonia malaquae***  
Agar plates medium 5006, 5265 and 5315



***Gordonia malaquae***

Microplate with ISP- and melanin media (upper)  
Microplate for the use of carbohydrates