

Name: ***Granulicoccus phenolivorans***

Authors: Maszenan et al. 2007

Status: New Species

Reference: Int. J. Syst. Evol. Microbiol. 57:735

Risk group: 1 (German classification)

Type strain: ATCC BAA-1292, DSM 17626, PG-02

Author: Maszenan, A. M., Jiang, H. L., Tay, J.-H., Schumann, P.,  
Kroppenstedt, R. M., Tay, S. T.-L.

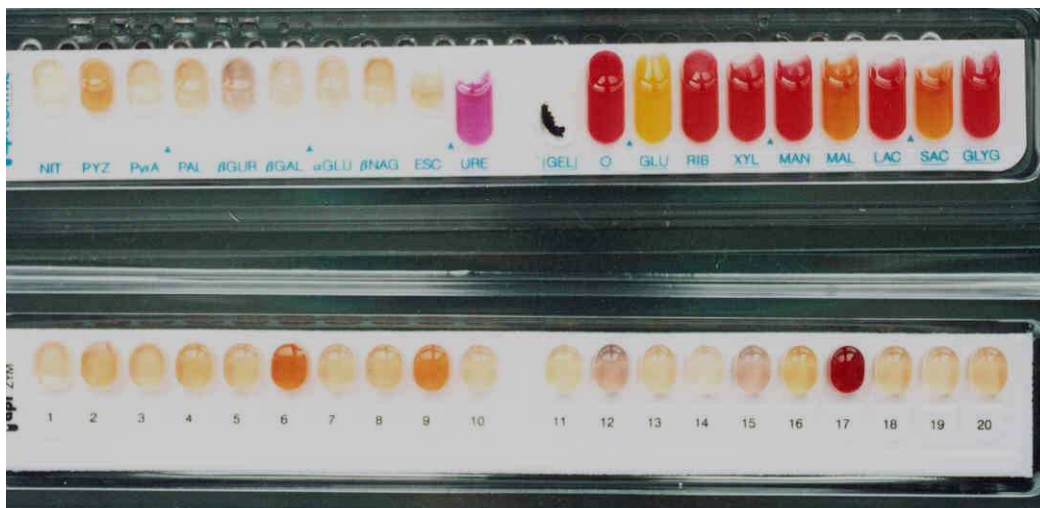
Title: *Granulicoccus phenolivorans* gen. nov., sp. nov., a Gram-  
positive, phenol-degrading coccus isolated from phenol-  
degrading aerobic granules.

Journal: Int. J. Syst. Evol. Microbiol.

Volume: 57

Page: 730-737

Year: 2007



Api zym (upper) and coryne

**Genus:** *Granulicoccus*

FH 6817

**Species:** *phaenolivorus*

**Numbers in other collections:** DSM 17626

**Morphology:**

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

**Melanoid pigment:** - - - -

**NaCl resistance:** %

**Lysozyme resistance:**

**pH:** Value-

Optimum-

**Temperature :** Value-

Optimum- 28 °C

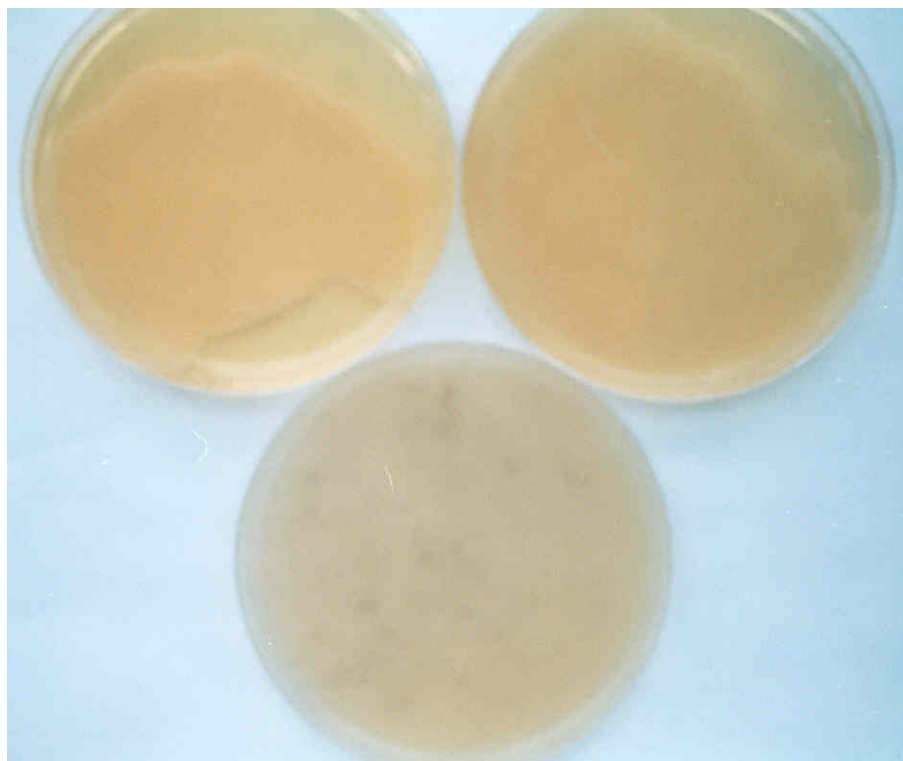
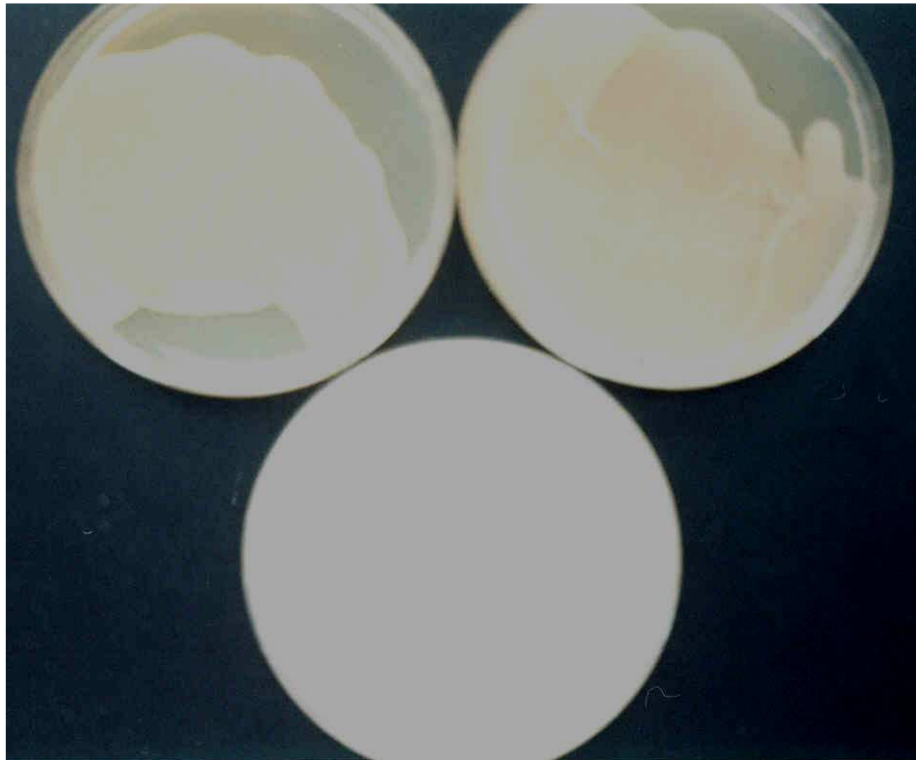
**Carbon utilization:**

Glu	Ara	Suc	Xyl	Ino	Man	Fru	Rha	Raf	Cel
				n.d.					

**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:** Good growth on medium 5006



***Granulicoccus phaenolivorus***

A and B – Agar plates media 5006, 5265 and 5315