

Name: ***Micrococcus endophyticus***

Authors: Chen et al. 2009

Status: sp. nov. (VP)

Reference: Int. J. Syst. Evol. Microbiol. 59:1074

Type strain: DSM 17945, KCTC 19156, YIM 56238

Author: Chen HH;Zhao GZ;Park DJ;Zhang YQ;Xu LH;Lee JC;Kim CJ;Li WJ;

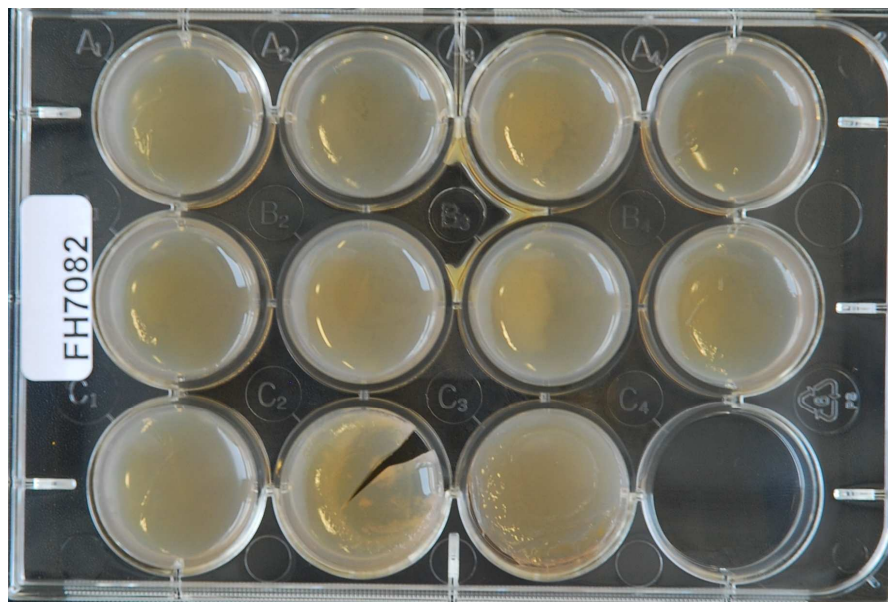
Title: *Micrococcus endophyticus* sp. nov., isolated from surface-sterilized *Aquilaria sinensis* roots

Journal: Int J Syst Evol Microbiol

Volume: 59

Page: 1070-1075

Year: 2009



Carbon utilization

**Genus:** *Micrococcus* FH 7072  
**Species:** *endophyticus*  
**Numbers in other collections:** DSM 17945

Morphology:

	G	R
<u>ISP 2</u>	good	lemon yellow
	A	SP
	none	none
	G	R
<u>ISP 3</u>	good	sulfur yellow
	A	SP
	none	none
	G	R
<u>ISP 4</u>	good	green beige
	A	SP
	none	none
	G	R
<u>ISP 5</u>	good	green beige
	A	SP
	none	none
	G	R
<u>ISP 6</u>	good	traffic yellow
	A	SP
	none	none
	G	R
<u>ISP 7</u>	good	zinc yellow
	A	SP
	none	none

Melanoid pigment: - - - -

NaCl resistance: %

Lysozyme resistance:

pH: Value- Optimum-

Temperature : Value- Optimum- 28 °C

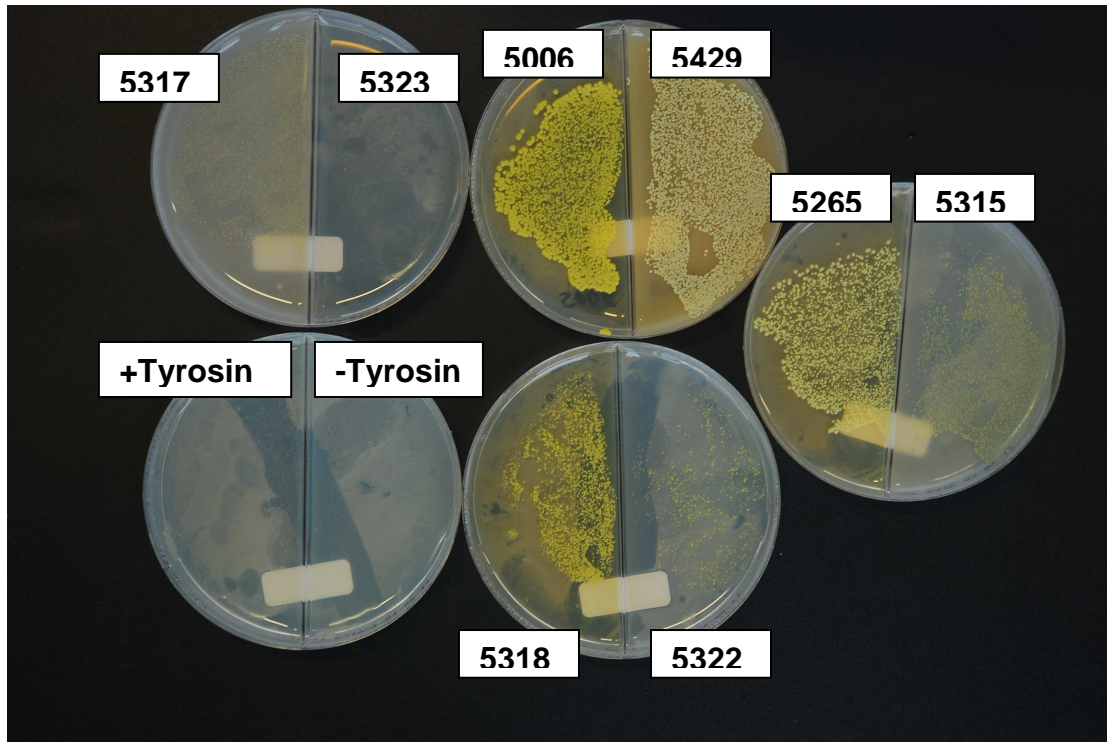
Carbon utilization:

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

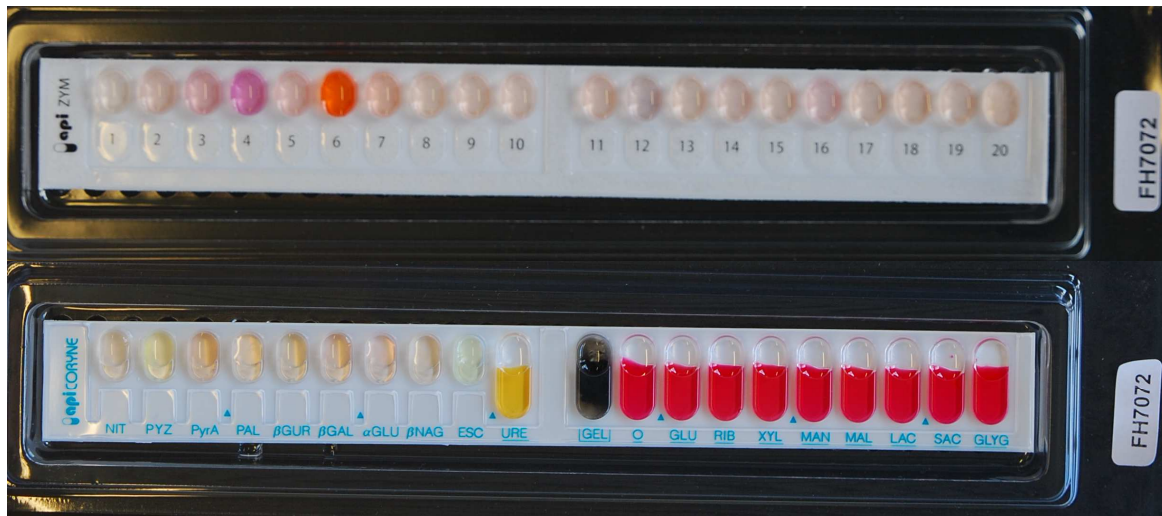
Enzymes:

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:



***Micrococcus endophyticus***  
Growth on different agar plates



Api Zym (upper) and coryne

Compendium of Actinobacteria from Dr. Joachim M. Wink  
University of Braunschweig