

Name: *Rhodococcus koreensis*

Authors: Yoon et al. 2000

Status: New Species

Reference(s): Int. J. Syst. Bacteriol. 50:1199

Risk group: 1 (German classification)

Type strain: DNP505, JCM 10743, KCTC 0569BP,
DSM 44498

Author(s) Yoon, J.-H., Cho, Y.-G., Kang, S.-S., Kim, S. B., Lee, S. T.,
Park, Y.-H.

Title *Rhodococcus koreensis* sp. nov., a 2,4-dinitrophenol-
degrading bacterium.

Journal Int. J. Syst. Evol. Microbiol.

Volume 50

Page(s) 1193-1201

Year 2000

Genus: *Rhodococcus*

FH 6266

Species: *koreensis*

Numbers in other collections: DSM 44498

Reclassification:

Morphology:

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

Melanoid pigment: - - - -

NaCl resistance: %

Lysozyme resistance:

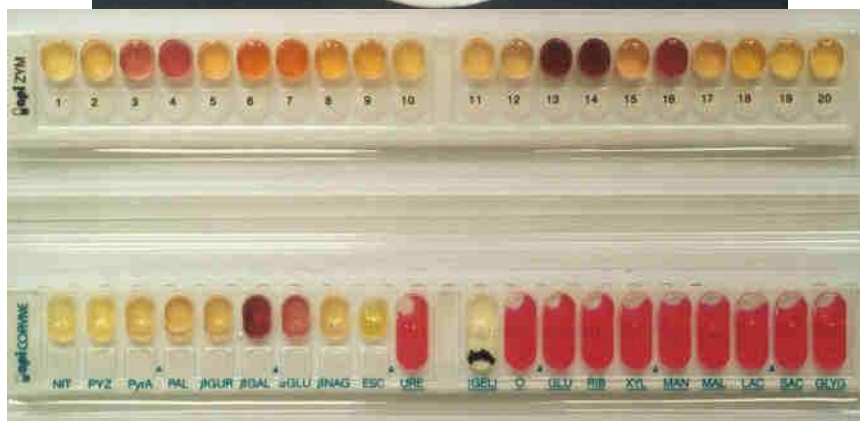
pH: Value- Optimum-

Temperature : Value- Optimum- 28°C

Enzymes:

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

Comments:



Rhodococcus koreensis

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

C – Api Zym (upper) and Api Coryne