

Name: ***Rhodococcus kroppenstedtii***

Authors: Mayilraj et al. 2006

Status: New Species

Reference: Int. J. Syst. Evol. Microbiol. 56:981

Risk group: 1 (German classification)

Type strain: DSM 44908, JCM 13011, K07-23, MTCC 6634

Author: Mayilraj, S., Krishnamurthi, S., Saha, P., Saini, H. S.

Title: *Rhodococcus kroppenstedtii* sp. nov., a novel actinobacterium isolated from a cold desert of the Himalayas, India.

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

Volume: 56

Page: 979-982

Year: 2006

Genus: *Rhodococcus* **FH 6798**

Species: *kroppenstedtii*

Numbers in other collections: DSM 44908

Morphology:

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

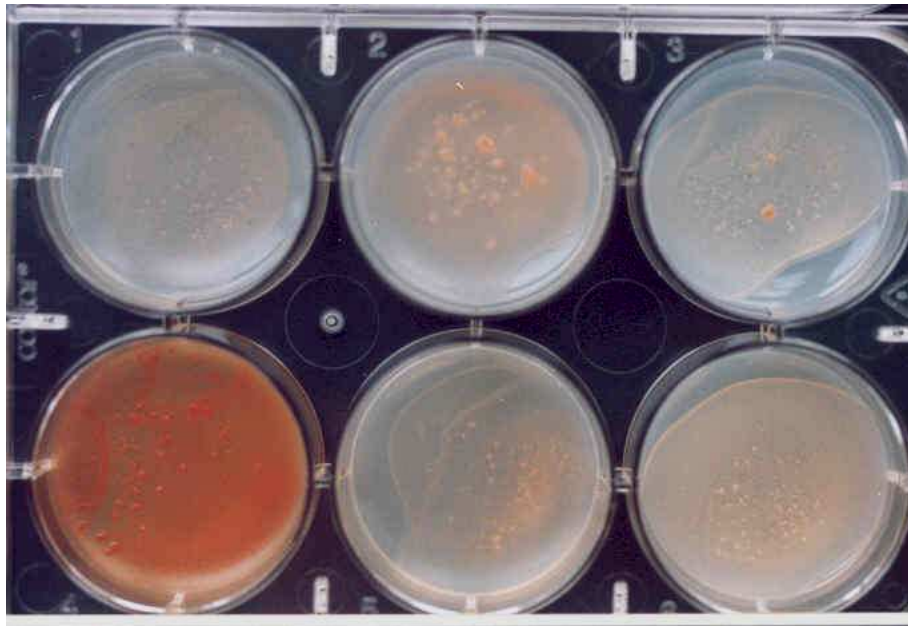
2+	3+	4+	5-	6+	7-	8-	9-	10-	11+	
12-	13-	14-	15-	16+	17-	18-	19-	20-		
Nit	Pyz	Pyr	Pal	βGur	βGal	αGlu	βNag	Esc	Ure	Gel
-	-	-	+	-	-	+	-	-	(+)	-
Glu	Rib	Xyl	Man	Mal	Lac	Sac	Glyg			
-	-	-	-	-	-	-	-			

Comments:



Rhodococcus kroppenstedtii

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



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C – Microplate with ISP- and melanin media

D – Api zym (upper) and coryne