

Name: *Rhodococcus rhodnii*

Authors: Goodfellow and Alderson 1979

Status: Approved Lists

Reference(s): Int. J. Syst. Bacteriol. 30:356 (AL)

Risk group: 1 (German classification)

Type strain: DSM 43336, KCC A-0203, NCIB 11279

Author(s) Goodfellow, M., Alderson, G.  
Title The actinomycete-genus *Rhodococcus*: a home for the  
"rhodochrous" complex.  
Journal J. Gen. Microbiol.  
Volume 100  
Page(s) 99-122  
Year 1977

**Genus:** *Rhodococcus* **FH 2586**  
**Species:** *rhodnii*  
**Numbers in other collections:** DSM 43337

**Morphology:**

	G	R	
ISP 2	good	pastel yellow	
	A	SP	
	none	none	
	G	R	
ISP 3	sparse		
	A	SP	
	G	R	
ISP 4	good	pastel yellow	
	A	SP	
	none	none	
	G	R	
ISP 5	sparse		
	A	SP	
	G	R	
ISP 6	good	pastel yellow	
	A	SP	
	none	none	
	G	R	
ISP 7	sparse		red
	A	SP	
	none	red	

Spore chains: Spore surface: smooth  
 Sporangia: Fragmentation: +

**Melanoid pigment:** - - - - red exopigment on pepton iron and synthetical agar

**NaCl resistance:** 2,5-5 %

**Lysozyme resistance:**

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

**Carbon utilization:**

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

**Enzymes:**

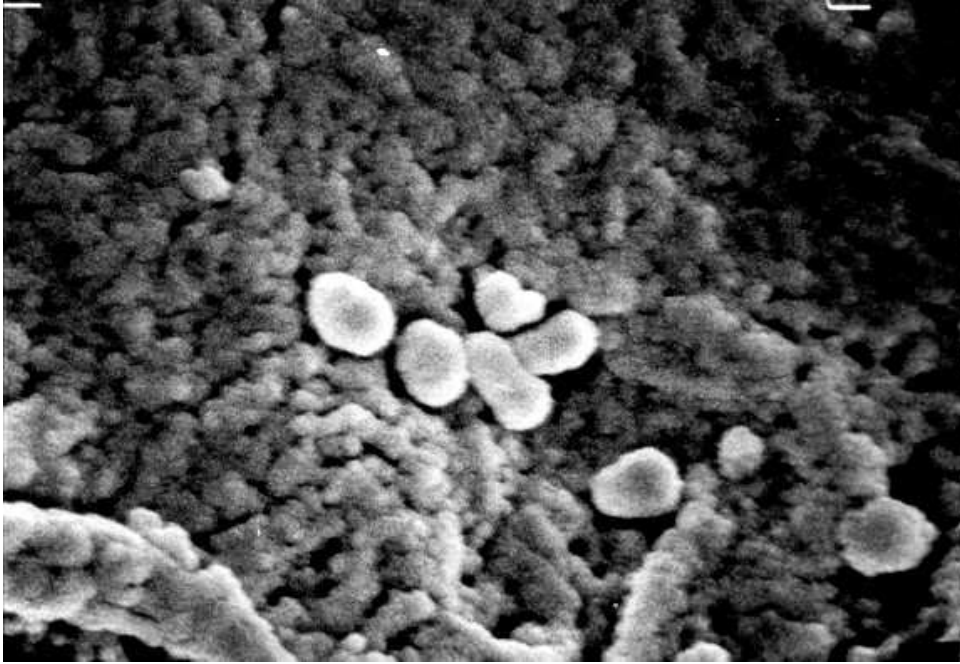
Gel	Cit	Ure	Arg	Onp	Trp	Lys	Odc	VP	Ind	H2S
-	-	+	+	-	-	+	+	-	-	-
2+	3+	4+	5-	6+	7+	8-	9-	10-	11+	12-
13-	14-	15-	16-	17-	18-	19-	20-			



***Rhodococcus rhodnii***

A – Agar plates 5265, 5315, 5317 and 5323

B – Agar plates 5006, 5318, 5322, 5337 with and without tyrosine



***Rhodococcus rhodnii***

C – Coccoid fragments of filaments (SEM x 10.000)