

Name: ***Nocardioides bigeumensis***

Authors: Dastager et al. 2008

Status: sp. nov. (VP)

Reference: Int. J. Syst. Evol. Microbiol. 58:2295

Risk group: 1 (German classification)

Type strain: DSM 19320, KCTC 19290, MSL-19

Author(s) Dastager SG; Lee JC; Ju YJ; Park DJ; Kim CJ

Title *Nocardioides koreensis* sp. nov., *Nocardioides bigeumensis* sp. nov. and *Nocardioides agariphilus* sp. nov., isolated from soil from Bigeum Island, Korea

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Genus: *Nocardioides* **FH 6978**

Species: *bigeumensis*

Numbers in other collections: DSM 19320

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:

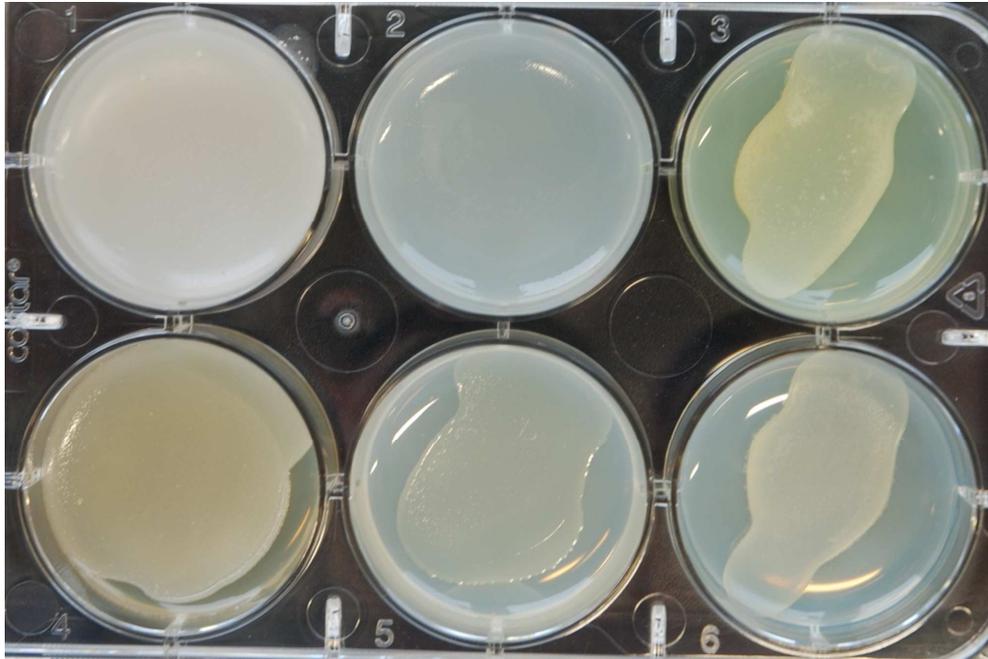
2+	3+	4+	5+	6	7-	8-	9-	10+	11+	
12+	13+	14+	15-	16+	17+	18-	19-	20-		
Nit	Pyz	Pyr	Pal	βGur	βGal	αGlu	βNag	Esc	Ure	Gel
(+)	+	-	+	-	+	-	-	+	-	+
Glu	Rib	Xyl	Man	Mal	Lac	Sac	Glyg			
+	-	-	-	-	-	+	-			

Comments:



Nocardioides bigeumensis

A and B – Agar plates medium 5006 and 5265



Nocardioioides bigeumensis

C – Microplate with ISP- and melanin media

D – Api Zym (upper) and Coryne