

Name: ***Smaragdicoccus niigatensis***

Authors: Adachi et al. 2007

Status: New Species

Reference: Int. J. Syst. Evol. Microbiol. 57:300

Risk group: 1 (German classification)

Type strain: DSM 44881, Hou_blue, MBIC 06267

Author: Adachi, K., Katsuta, A., Matsuda, S., Peng, X., Misawa, N.,
Shizuri, Y., Kroppenstedt, R. M., Yokota, A., Kasai, H.

Title: *Smaragdicoccus niigatensis* gen. nov., sp. nov., a novel
member of the suborder *Corynebacterineae*.

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

Volume: 57

Page: 297-301

Year: 2007

Genus: *Smaragdiccoccus*

FH 6770

Species: *niigatensis*

Numbers in other collections: DSM 44881

Morphology:

	G	R
<u>ISP 2</u>	good	olive green
	A	SP
	none	none
	G	R
<u>ISP 3</u>	good	olive green
	A	SP
	none	none
	G	R
<u>ISP 4</u>	sparse	
	A	SP
	G	R
<u>ISP 5</u>	sparse	
	A	SP
	G	R
<u>ISP 6</u>	sparse	
	A	SP
	G	R
<u>ISP 7</u>	sparse	
	A	SP

Melanoid pigment: - - - -

NaCl resistance: %

Lysozyme resistance:

pH: Value-

Optimum-

Temperature : Value-

Optimum- 28 °C

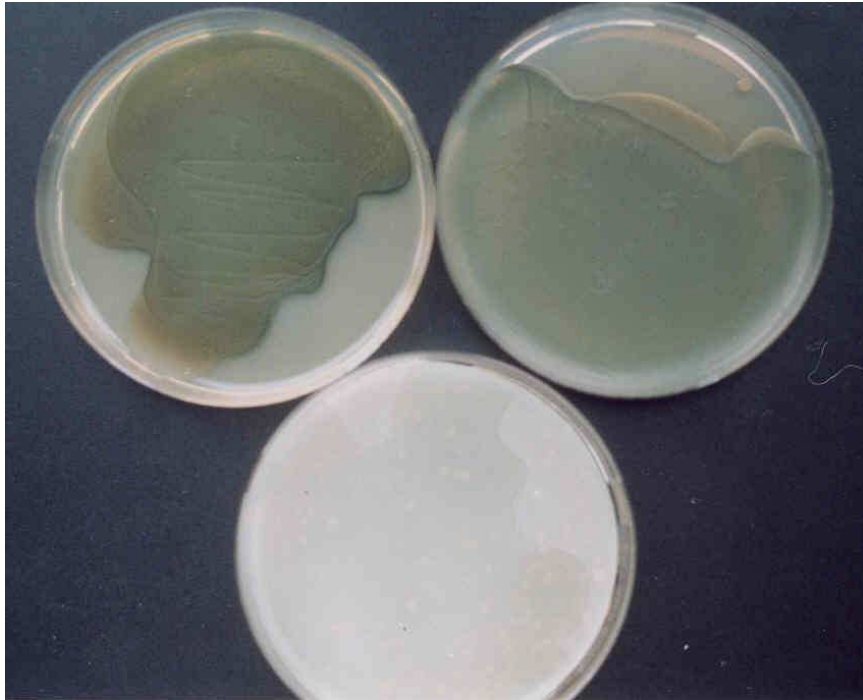
Carbon utilization:

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:



Smaragdicoccus niigatensis

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



Smaragdicoccus niigatensis

C – Microplate with ISP- and melanin media

D – Api zym (upper) and coryne