

Name: ***Cellulomonas bogoriensis***

Authors: Jones et al. 2005

Status: New Species

Reference: Int. J. Syst. Evol. Microbiol. 55:1713

Risk group: 1 (German classification)

Type strain: 69B4, CIP 108683, DSM 16987

Author: Jones, B. E., Grant, W. D., Duckworth, A. W., Schumann, P.,
Weiss, N., Stackebrandt, E.

Title: *Cellulomonas bogoriensis* sp. nov., an alkaliphilic
cellulomonad.

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

Volume: 55

Page: 1711-1714

Year: 2005

Genus: *Cellulomonas*

FH 6595

Species: *bogoriensis*

Numbers in other collections: DSM 16987

Morphology:

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

Melanoid pigment: - - - -

NaCl resistance: %

Lysozyme resistance:

pH: Value-

Optimum-

Temperature : Value-

Optimum- 28 °C

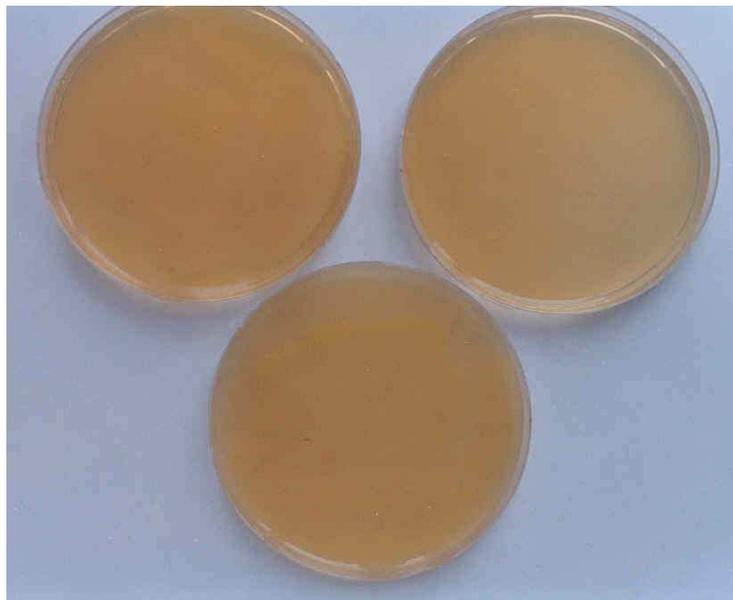
Carbon utilization:

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: good growth on medium 5006 (beige)



Cellulomonas bogoriensis

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