

Genus *Arthrobacter*
Species *chlorophenolicus*
Subspecies
Author Westenberg et al. 2000

Reclassification
Status valid

Type species DSM, 12829

Hazard group 1

Author(s) Westerberg, K., Elväng, A. M., Stackebrandt, E.,
Jansson, J. K.
Title *Arthrobacter chlorophenolicus* sp. nov., a new species
capable of degrading high concentrations of 4-chlorophenol.
Journal Int. J. Syst. Evol. Microbiol.
Volume 50
Page(s) 2083-2092
Year 2000

Genus: *Arthrobacter*

FH 6185

Species: *chlorophenolicus*

Numbers in other collections: DSM 12829

Reclassification:

Morphology:

	G	R
<u>ISP 2</u>	good	light ivory
	A	SP
	none	none
	G	R
<u>ISP 3</u>	good	light ivory
	A	SP
	none	none
	G	R
<u>ISP 4</u>	good	light ivory
	A	SP
	none	none
	G	R
<u>ISP 5</u>	good	colorless
	A	SP
	none	none
	G	R
<u>ISP 6</u>	good	colorless
	A	SP
	none	none
	G	R
<u>ISP 7</u>	good	colorless
	A	SP
	none	none

Melanoid pigment: -- (+) -

NaCl resistance: %

Lysozyme resistance:

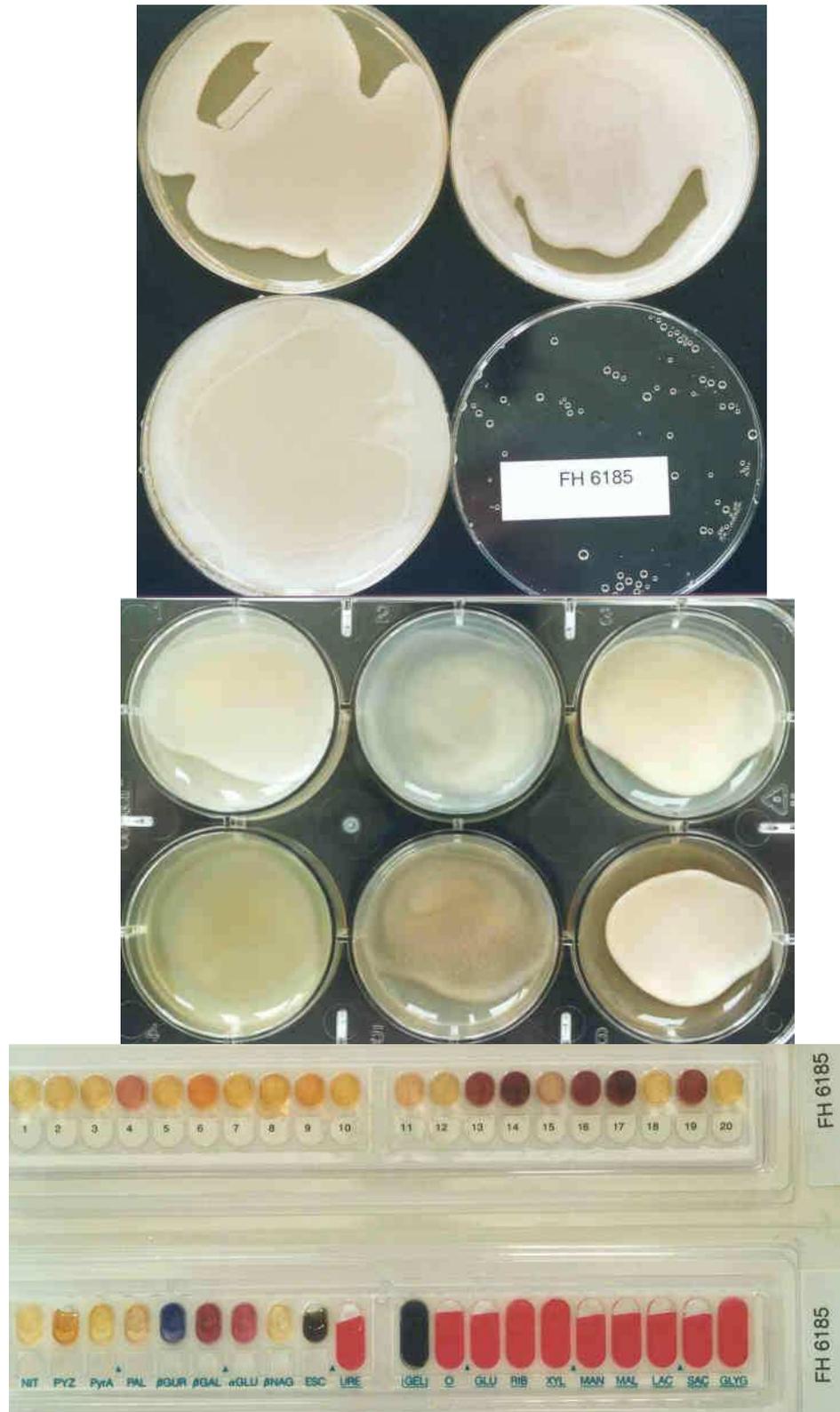
pH: Value- Optimum-

Temperature : Value- Optimum- 28°C

Enzymes:

Api Zym										
2-	3-	4+	5-	6+	7-	8-	9+	10-	11(+)	
12-	13+	14+	15-	16+	17+	18-	19+	20-		
Api Coryne										
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



Arthrobacter chlorophenolicus

A – Agar plates media 5006, 5265 and 5315

B – Microplate with ISP- and melanin media

C – Api Zym (upper) and Api Coryne