

Name: ***Leucobacter chironomi***

Authors: Halpern et al. 2009

Status: sp. nov. (VP)

Reference: Int. J. Syst. Evol. Microbiol. 59:667

Type strain: DSM 19883, LMG 24399, MM2LB

Author: Halpern M;Shakéd T;Pukall R;Schumann P;

Title: *Leucobacter chironomi* sp. nov., a chromate-resistant
bacterium isolated from a chironomid egg mass

Journal: Int J Syst Evol Microbiol

Volume: 59

Page: 665-670

Year: 2009

Genus: *Leucobacter* **FH 7042**
Species: *chironomi*

Numbers in other collections: DSM 19883

Morphology:

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

Melanoid pigment: - - - -

NaCl resistance: %

Lysozyme resistance:

pH: Value-

Optimum-

Temperature : Value-

Optimum- 28 °C

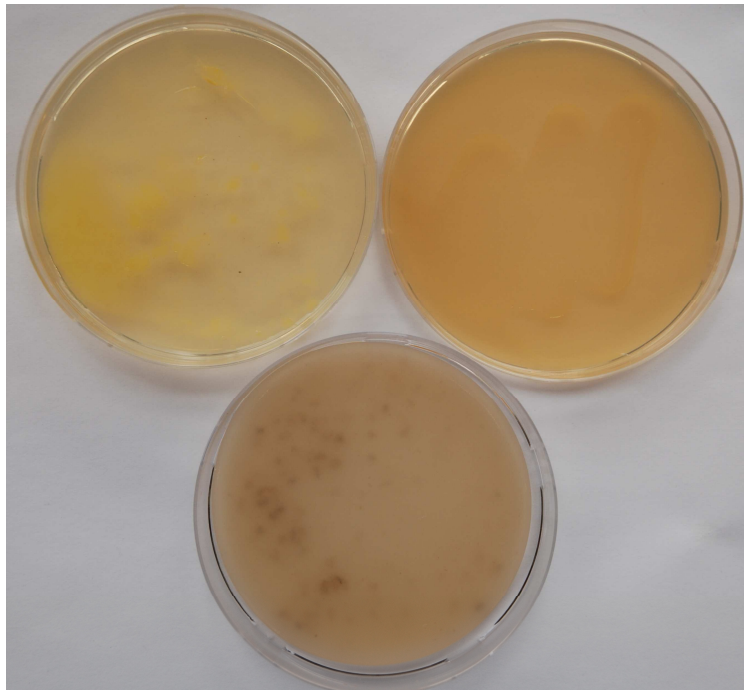
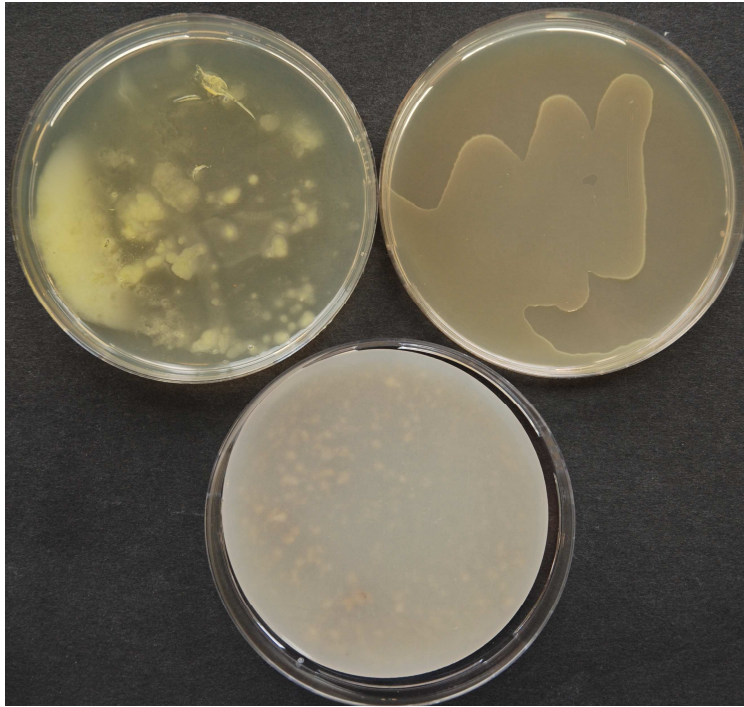
Carbon utilization:

Glu	Ara	Suc	Xyl	Ino	Man	Fru	Rha	Raf	Cel
				n.d.					

Enzymes:

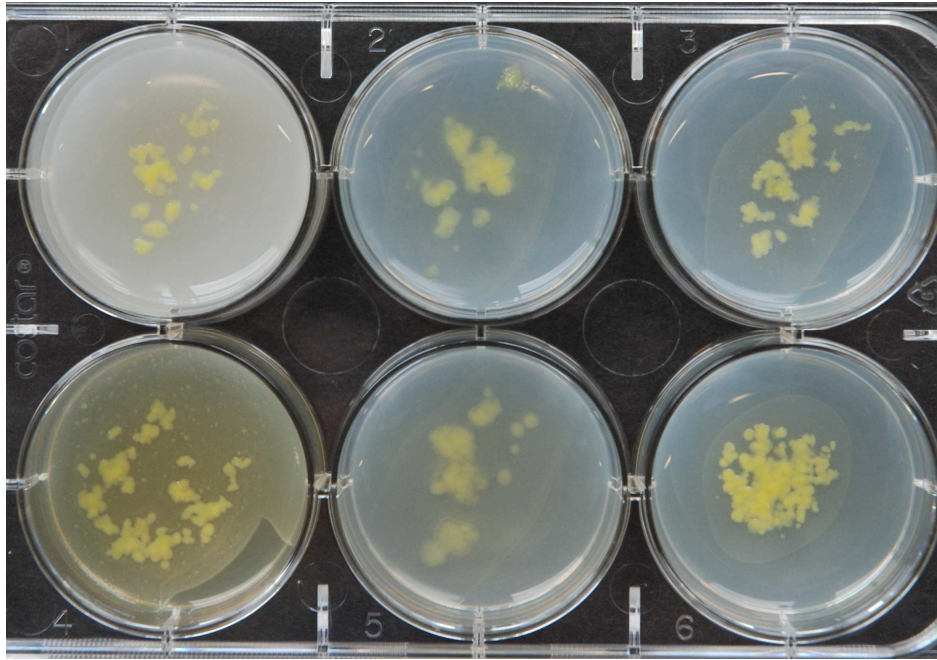
2(+)	3+	4+	5(+)	6+	7-	8+	9-	10-	11+	
12(+)	13-	14-	15-	16(+)	17-	18-	19-	20-		
Nit	Pyz	Pyr	Pal	βGur	βGal	αGlu	βNag	Esc	Ure	Gel
-	-	-	-	-	-	-	-	-	-	-
Glu	Rib	Xyl	Man	Mal	Lac	Sac	Glyg			
-	-	-	-	-	-	-	-			

Comments: Good growth (rape yellow) on medium 5006



Leucobacter chironomi

A and B - Agar plates with medium 5006, 5265 and 5315



Leucobacter chironomi

C – Microplate with ISP and melanin media

D - Api stripes coryne (upper) and zym