

Name: ***Leucobacter iarius***

Authors: Somvanshi et al. 2007

Status: New Species

Reference: Int. J. Syst. Evol. Microbiol. 57:685

Risk group: 1 (German classification)

Type strain: 40, CIP 108831, DSM 17402

Author: Somvanshi, V. S., Lang, E., Schumann, P., Pukall, R.,
Kroppenstedt, R. M., Ganguly, S., Stackebrandt, E.

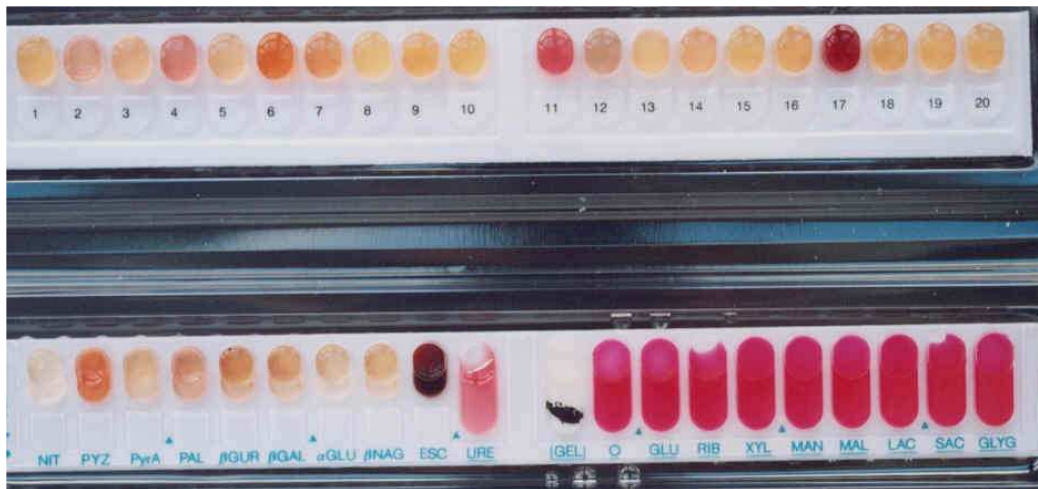
Title: *Leucobacter iarius* sp. nov., in the family Microbacteriaceae.

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

Volume: 57

Page: 682-686

Year: 2007



Api zym (upper) and coryne

Genus: *Leucobacter*

FH 6816

Species: *arius*

Numbers in other collections: DSM 17402

Morphology:

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

Melanoid pigment: - - - -

NaCl resistance: %

Lysozyme resistance:

pH: Value-

Optimum-

Temperature : Value-

Optimum- 28 °C

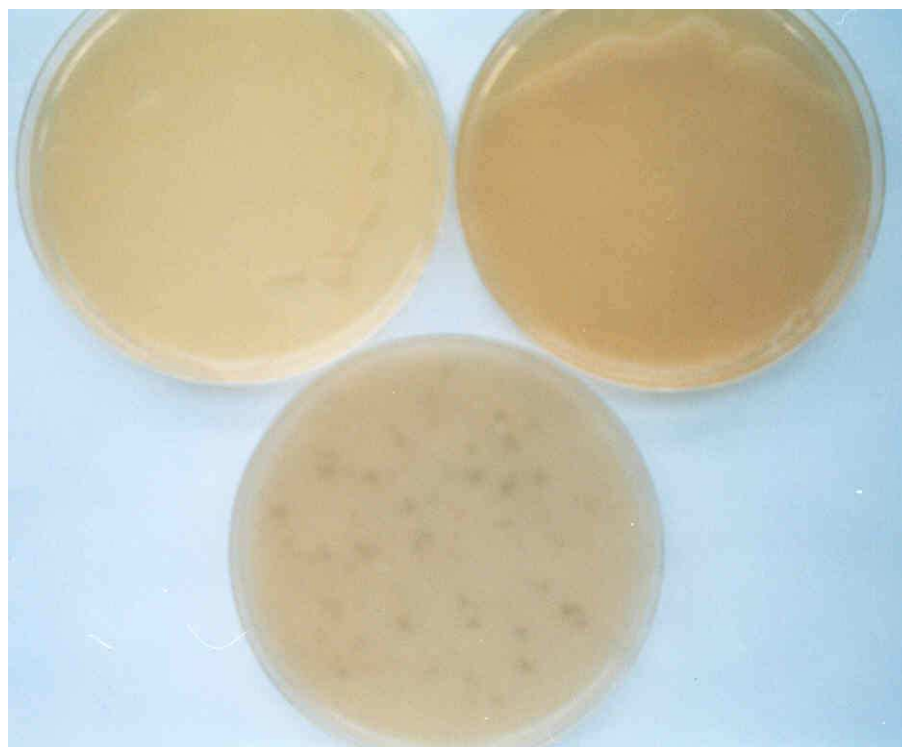
Carbon utilization:

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 on medium 5006



Leucobacter iarius

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