

Genus *Arthrobacter*
Species *bergerei*
Subspecies

Author Irlinger et al. 2005
Reclassification
Status sp. nov.

Type species DSM 16367, CIP 108036

Hazard group 1

Author(s) Irlinger, F., Bimet, F., Delettre, J., Lefevre, M., Grimont, P.
A. D.

Title *Arthrobacter bergerei* sp. nov. and *Arthrobacter arilaitensis*
sp. nov., novel coryneform species isolated from the
surfaces of cheeses.

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Year 2005

Genus: *Arthrobacter*

FH 6539

Species: *bergerei*

Numbers in other collections: DSM 16367

Morphology:

	G	R
<u>ISP 2</u>	good	rape yellow
	A	SP
	none	none
	G	R
<u>ISP 3</u>	good	rape yellow
	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

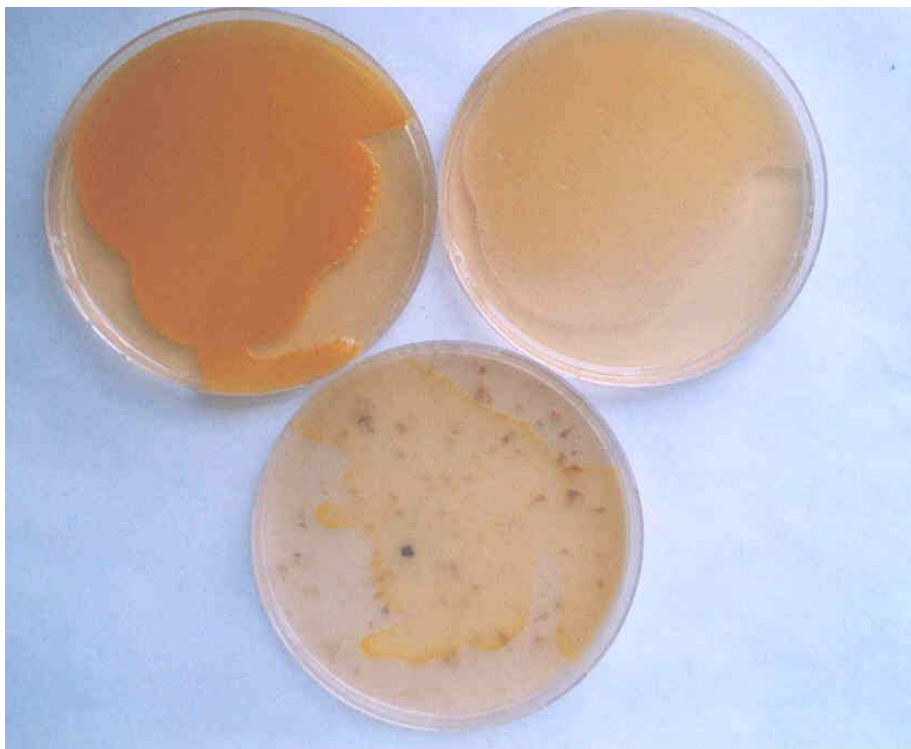
Carbon utilization:

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

Enzymes:

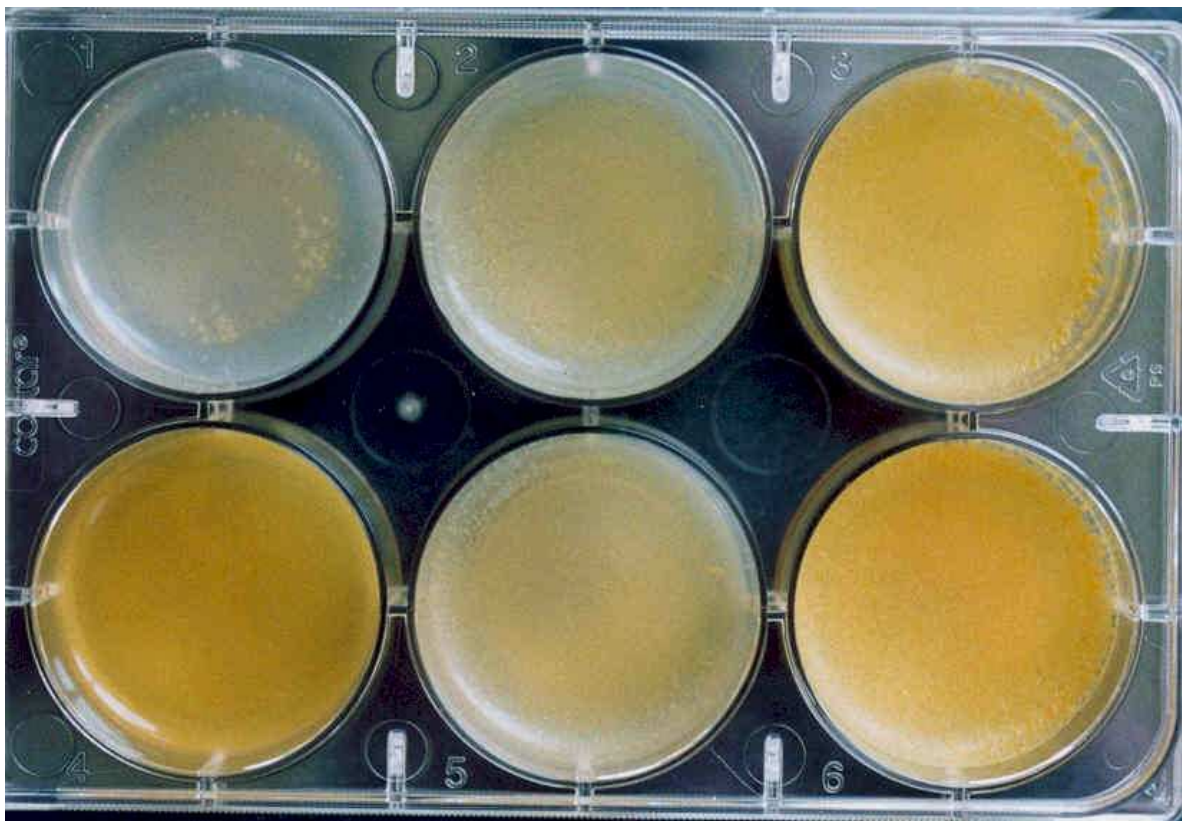
2 -	3 +	4 +	5 -	6 +	7 +	8 -	9 -	10 -	11 -	
12 -	13 -	14 +	15 -	16 +	17 -	18 -	19 +	20 -		
Nit	Pyz	Pyr	Pal	βGur	βGal	αGlu	βNag	Esc	Ure	Gel
-	+	+	-	-	+	+	-	-	+	+

Comments:



Arthrobacter bergerei

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



Arthrobacter bergerei

C – Microplate with ISP- and melanin media

D – Api Zym (upper) and Api Coryne

