

Genus *Arthrobacter*
Species *luteolus*
Subspecies
Author Wauters et al. 2000

Reclassification
Status sp. nov.

Type species DSM 13067, ATCC BAA-272, CCUG 43811

Hazard group 2

Author(s) Wauters, G., Charlier, J., Janssens, M., Delmée, M.
Title Identification of *Arthrobacter oxydans*, *Arthrobacter luteolus* sp. nov., and *Arthrobacter albus* sp. nov., isolated from human clinical specimens.
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Genus: *Arthrobacter*

FH 6187

Species: *luteolus*

Numbers in other collections: DSM 13067

Reclassification:

Morphology:

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

Melanoid pigment: - - - -

NaCl resistance: %

Lysozyme resistance:

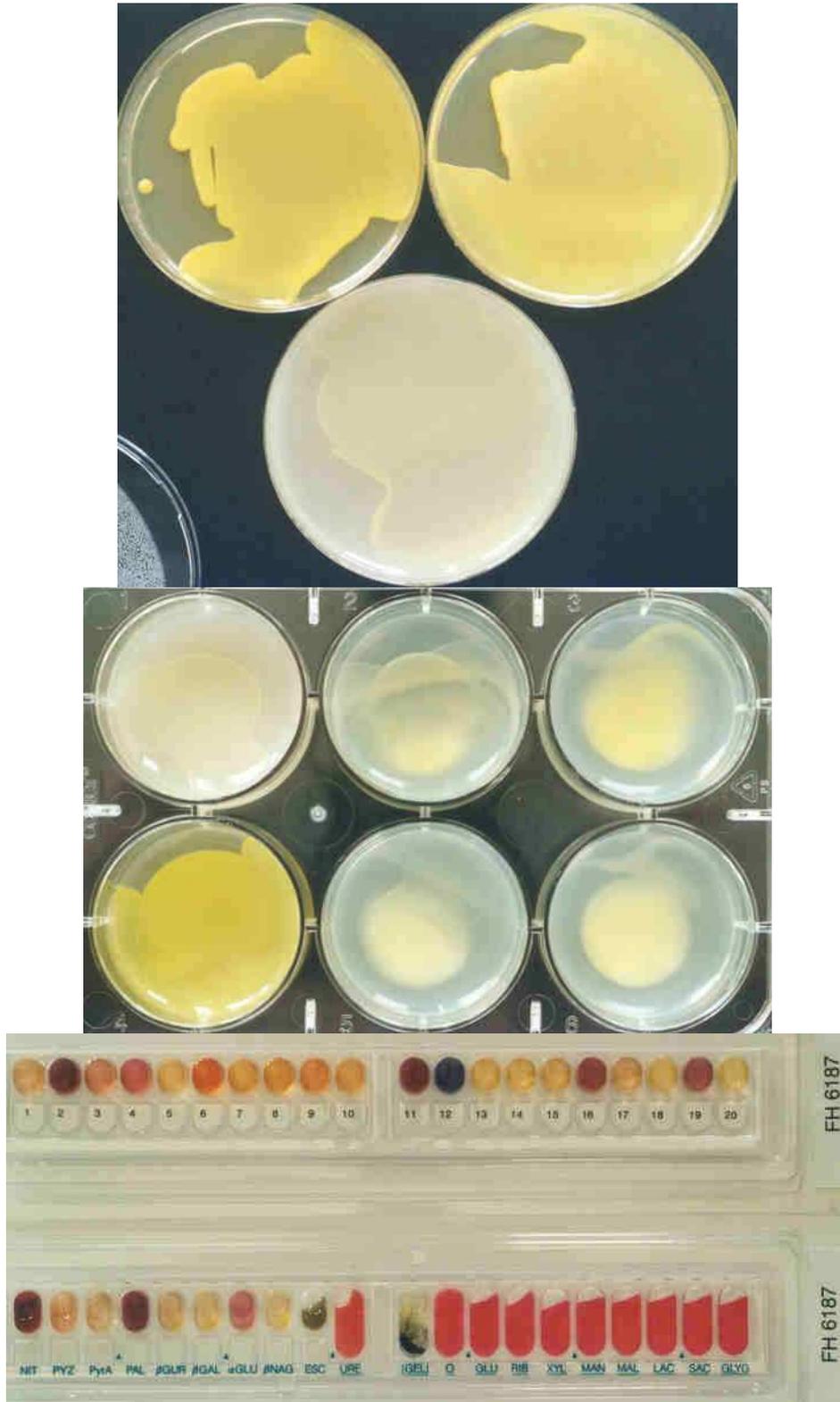
pH: Value- Optimum-

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 luteolus

A – Agar plates media 5006, 5265 and 5315

B – Microplate with ISP- and melanin media

C – Api Zym (upper) and Api Coryne

