

Name: ***Pseudoclavibacter helvolus***

Authors: Manaia et al. 2004

Status: New Species

Literature: Int. J. Syst. Evol. Microbiol. 54:788

Risk group: 1 (German classification)

Comment: earlier homotypic synonym of *Zimmermannella helvola*

Type strain: ATCC 13715, DSM 20419

Author: Manaia, C. M., Nogales, B. Weiss, N. and Nunes, O.C.  
Title: *Gulosibater molinivorax* gen. nov., sp. nov., a molinate-degrading bacterium, and classification of '*Brevibacterium helvolum*' DSM 20149 as *Pseudoclavibacter helvolus* gen. nov., sp. nov.

Journal: Int. J. Syst. Evol. Microbiol.  
Volume : 54  
Page : 783-789  
Year : 2004

**Genus:** Pseudoclavibacter **FH 6459**  
**Species:** helvolus  
**Numbers in other collections:** DSM 20419

Morphology:

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

**Melanoid pigment:** - - - -

**NaCl resistance:**

**Lysozyme resistance:**

**pH:** Value-  
**Temperature :** Value- Optimum- 28 °C

**Carbon utilization:**

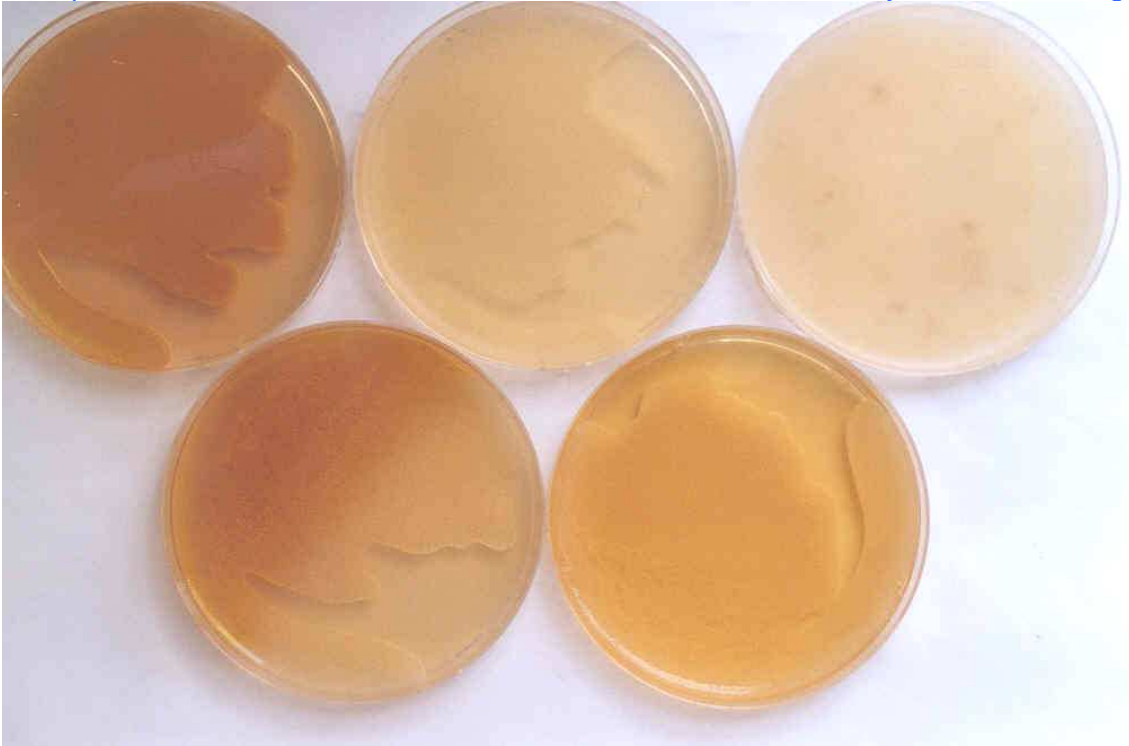
Glu	Ara	Suc	Xyl	Ino	Man	Fru	Rha	Raf	Cel
+	+	+	-	+	+	+	+	-	-

**Enzymes:** Api Zym and Coryne

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
-	-	+	-	-	+	+	-	-	-	-

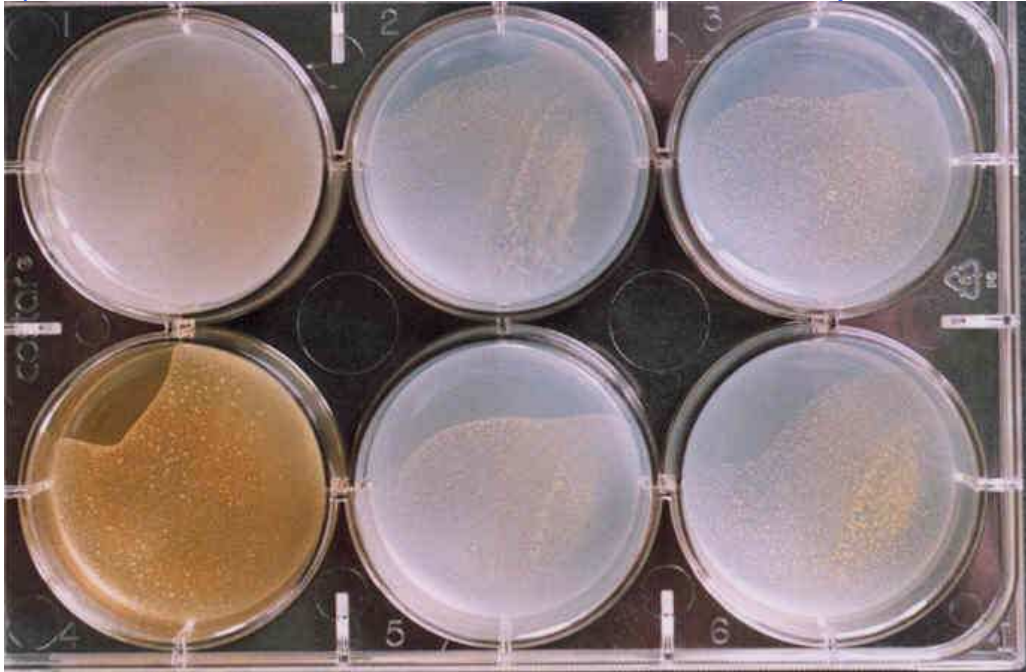
**Comments: Golden yellow on media 5429 and 5006, beige on medium 5472**





***Pseudoclavibacter helvolus***

A and B – Agar plates medium 5006, 5265, 5315, 5429 and 5475



***Pseudoclavibacter helvolus***

C – Microplate with ISP- and melanin media

D – Api Zym (lower) and Coryne