

Name: ***Clavibacter michiganensis* subsp. *tessellarius***

Authors: (Carlson and Vidaver 1982) Davis et al. 1984

Status: New Combination, Corrected Name

Literature: Int. J. Syst. Bacteriol. 34:113

Risk group: 1 (German classification)

Comment: nom. corrig.: IJSB 43:144*;
Clavibacter michiganense subsp. *tessellarius*
(sic)

Type strain: 78181, ATCC 33566, DSM 20741, PDDCC 7221

Synonyms: *Corynebacterium michiganense* subsp.
tessellarius (basonym)

Lit.: Davis, M., J., A. G. Gillaspie, JR, A. K. Vidaver and R. W. Harris.
1984.
Clavibacter: a New Genus Containing some Phytopathogenic
Coryneform Bacteria, Including *Clavibacter xyli* subsp. *xyli* sp. nov.,
subsp. nov. and *Clavibacter xyli* subsp. *cynodontis* subsp. nov.,
Pathogens That Cause Ratoon Stunting Disease of Sugarcane and
Bermudagrass Stunting Disease
Int . J. Syst. Bacteriol.34: 107-117

Genus: *Clavibacter* **FH 2827**
Species: *michiganensis* **Subsp.:** *tesselarius*
Numbers in other collections: DSM 20741

Morphology:

	G	R
<u>5006</u>	good	pastel orange
	A	SP
	none	none
	G	R
<u>ISP 2</u>	good	pastel orange
	A	SP
	none	none
	G	R
<u>ISP 4</u>	sparse	pastel orange
	A	SP
	none	none
	G	R
<u>ISP 5</u>	sparse	pastel orange
	A	SP
	none	none
	G	R
<u>ISP 6</u>	sparse	pastel orange
	A	SP
	none	none
	G	R
<u>ISP 7</u>	sparse	pastel orange
	A	SP
	none	none

Spore chains:

Spore surface:

Sporangia:

Fragmentation:

Melanoid pigment: - - - -

NaCl resistance:

Lysozyme resistance:

pH: Value- Optimum-

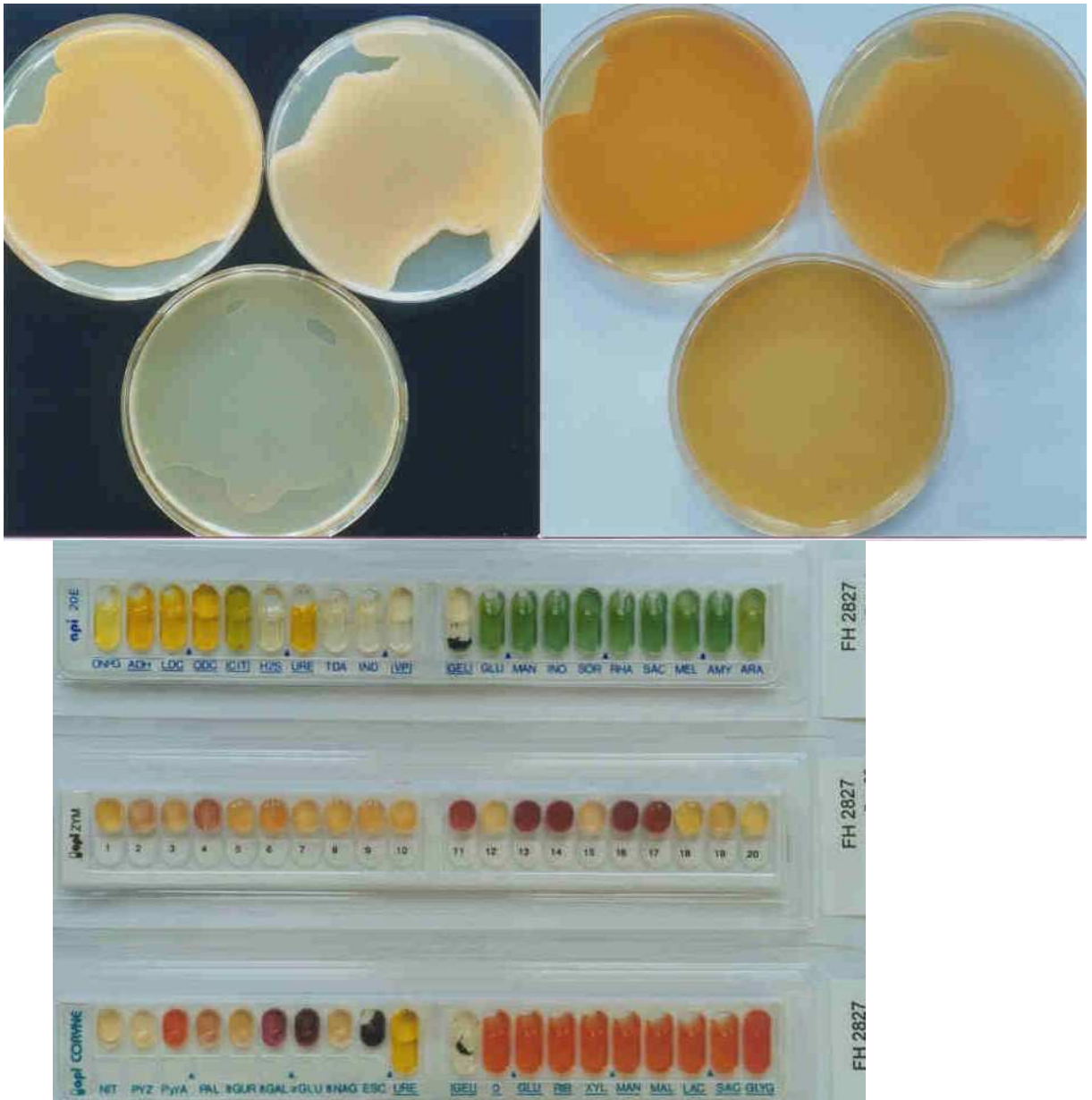
Temperature : Value- Optimum- 28°C

Carbon utilization:

Glu	Ara	Suc	Xyl	Ino	Man	Fru	Rha	Raf	Cel
					nd.				

Enzymes:

Gel	Cit	Ure	Arg	Onp	Trp	Lys	Odc	VP	Ind	H2S
-	+	-	-	+	-	-	-	-	-	-
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			
-	-	-	-	-	-	-	-			



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

C – Api 20”, Zym and Coryne (from the top)