Name: *Microbacterium laevaniformans*

Authors: Collins et al. 1983

Status: New Species

Reference(s): Int. J. Syst. Bacteriol. 33:673 (validation list)

Risk group: 1 (German classification
)
Comment: basonym "*Corynebacterium laevaniformans*"

Type strain: ATCC 15953, CCM 1929, DSM 20140, IMET 10713, NCIB 9659

Author(s) Dias, F. F., Bhat, J. V.
Title A new levan producing bacterium, *Corynebacterium laevaniformans* nov. spec.
Journal Antonie van Leeuwenhoek J. Microbiol. Serol.
Volume 28
Page(s) 63-72
Year 1962

Author(s) Collins, M. D., Jones, D., Kroppenstedt, R. M.
Title Reclassification of *Brevibacterium imperiale* (Steinhaus) and "*Corynebacterium laevaniformans*" (Dias and Bhat) in a redefined genus *Microbacterium* (Orla-Jensen), as *Microbacterium imperiale* comb. nov. and *Microbacterium laevaniformans* nom. rev.; comb. nov.
Journal Syst. Appl. Microbiol.
Volume 4
Page(s) 65-78
Year 1983

Genus: ***Microbacterium*** **FH 2753**
Species: ***laevaniformans***
Numbers in other collections: **ATCC 15953**

Morphology:

	G	R
ISP 2	good	light ivory
	A	SP
	none	none
	G	R
ISP 3	good	light ivory
	A	SP
	none	none
	G	R
ISP 4	none	
	A	SP
	G	R
ISP 5	none	
	A	SP
	G	R
ISP 6	none	
	A	SP
	G	R
ISP 7	none	
	A	SP

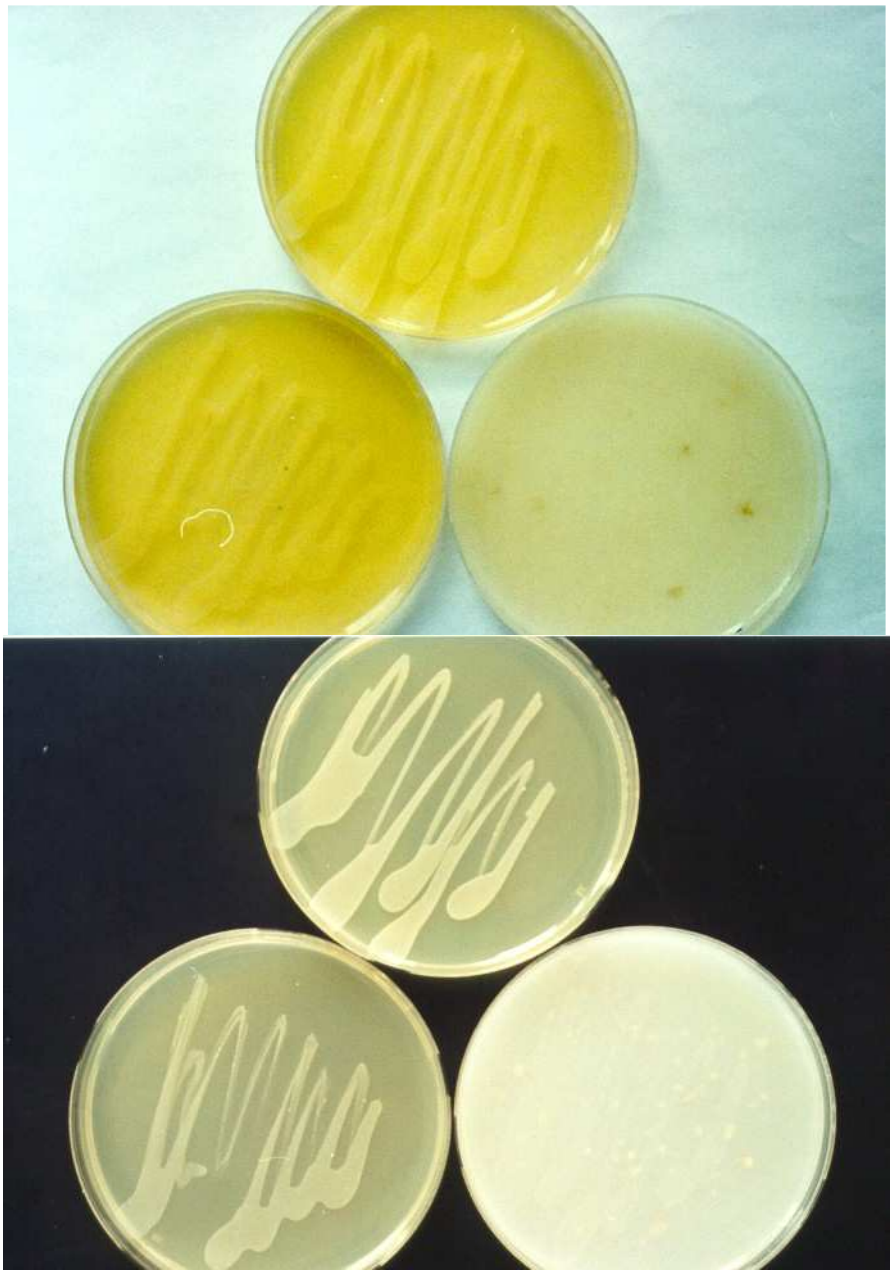
NaCl resistance: 5.0%
Temperature: Value- ℃ Optimum- 28℃
Carbon utilization:

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

Enzymes:

Api 20E	Gel	Cit	Ure	Arg	Onp	Trp	Lys	Odc	VP	Ind	H2S	
	-	-	-	-	-	-	-	-	+	-	-	
ApiZym	2	3	4	5	6	7	8	9	10	11	12	
	+	+	+	-	+	+	+	+	-	+	+	
	13	14	15	16	17	18	19	20				
	-	-	-	+	+	+	-	-				
ApiCoryne		Nit	Pyz	Pyr	Pal	βGur	βGal	αGlu	βNag	Esc	Ure	Gel
	+	+	+	-	+	+	+	+	-	+	+	
	Glu	Rib	Xyl	Man	Mal	Lac	Sac	Glyg				
	-	-	-	+	+	+	-	-				

Comments:



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