Name: *Corynebacterium halotolerans*

Authors: Chen et al. 2004

Status: New Species

Reference(s): Int. J. Syst. Evol. Microbiol. 54:781

Risk group: ?

Type strain: DSM 44683

Author(s)	Chen, H-H., Li, W-J., Tang, S-K., Kroppenstedt, R. M., Stackebrandt, E., Xu, L-H., and Jiang C-L.
Title	*Corynebacterium halotolerans* sp. nov., isolated from saline Soil in the west of China
Journal	Int. J. Syst. Evol. Microbiol.
Volume	54
Page(s)	779-782
Year	2004

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Genus: ***Corynebacterium*** **FH 6517**
Species: ***halotolerans***
Numbers in other collections: **DSM 44683**

Morphology:

	G	R
ISP 2	good	zinc yellow
	A	SP
	none	none
	G	R
ISP 3	sparse	
	A	SP
	G	R
ISP 4	sparse	
	A	SP
	G	R
ISP 5	sparse	
	A	SP
	G	R
ISP 6	good	zinc yellow
	A	SP
	none	none
ISP 7	G	R
	sparse	
	A	SP

Melanoid pigment: - - - -
NaCl resistance: %
Lysozyme resistance:
pH: Value- Optimum-
Temperature : Value- Optimum- 37 ℃
Carbon utilization:

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

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: **Good growth (zinc yellow) on the medium 5006**

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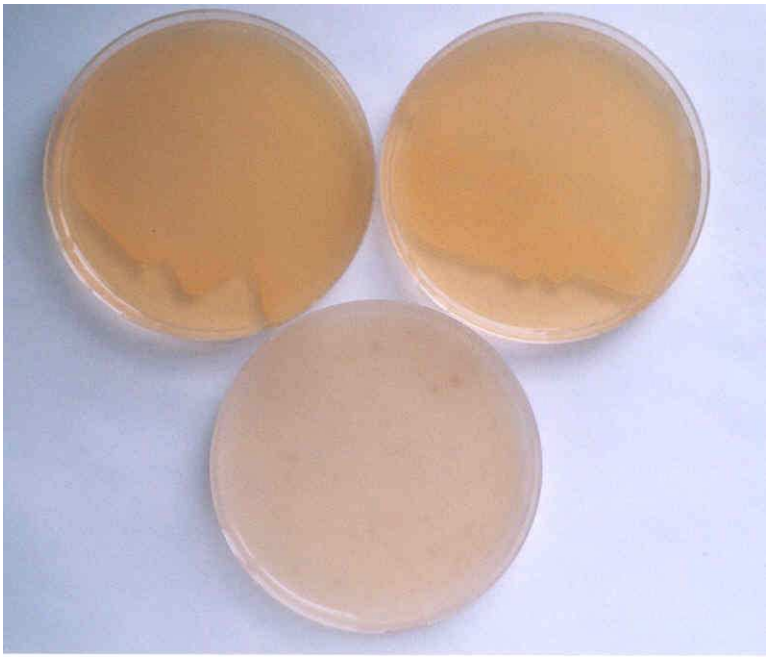

Corynebacterium halotolerans
A and B – Agar plates media 5006, 5265 and 5315

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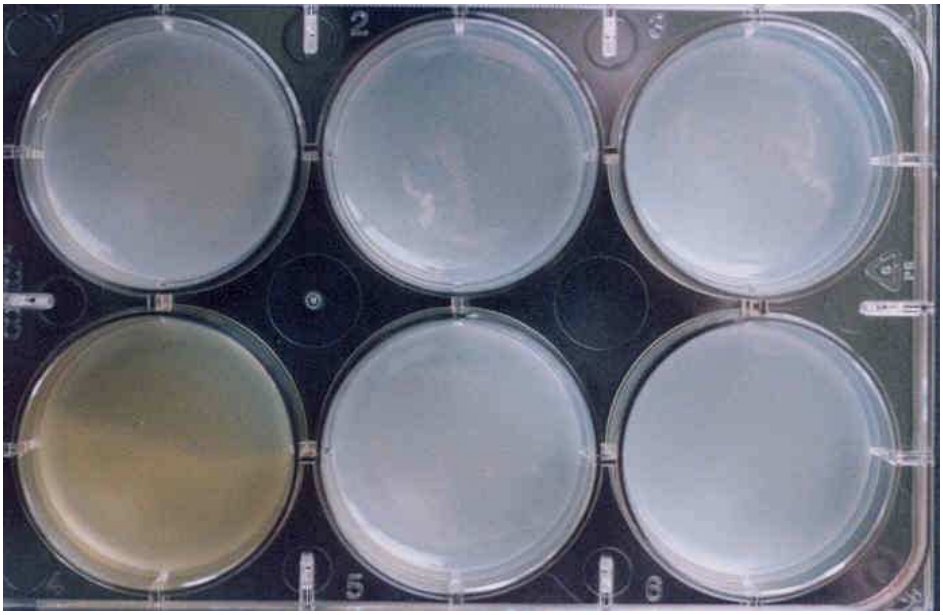

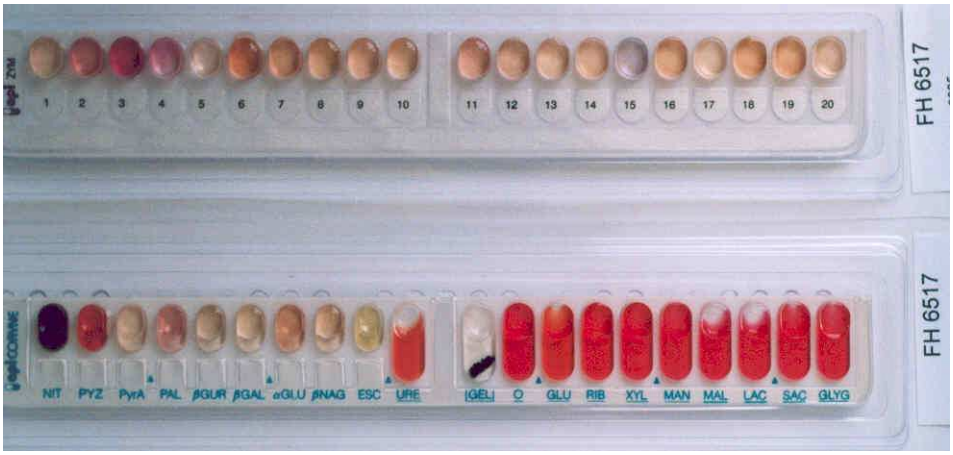

Corynebacterium halotolerans
C – Microplate wth ISP- and melanin media
D – Api Zym (upper) and Coryne

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