

Name: ***Corynebacterium macginleyi***

Authors: Riegel et al. 1995

Status: New Species

Reference(s): Int. J. Syst. Bacteriol. 45:132

Risk group: 2 (German classification)

Type strain: CCUG 32361, CIP 104099, DSM 44284, JCL-2

Author(s) Riegel, P., Ruimy, R., De Briel, D., Prévost, G., Jehl, F.,
Christen, R., Monteil, H.

Title Genomic diversity and phylogenetic relationships among lipid
requirement diptheroids from humans and characterization of
Corynebacterium macginleyi sp. nov.

Journal Int. J. Syst. Bacteriol.

Volume 45

Page(s) 128-133

Year 1995



Genus: *Corynebacterium*

FH 6250

Species: *macginleyi*

Numbers in other collections: DSM 44284

Reclassification:

Morphology:

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

Melanoid pigment: - - - -

NaCl resistance: %

Lysozyme resistance:

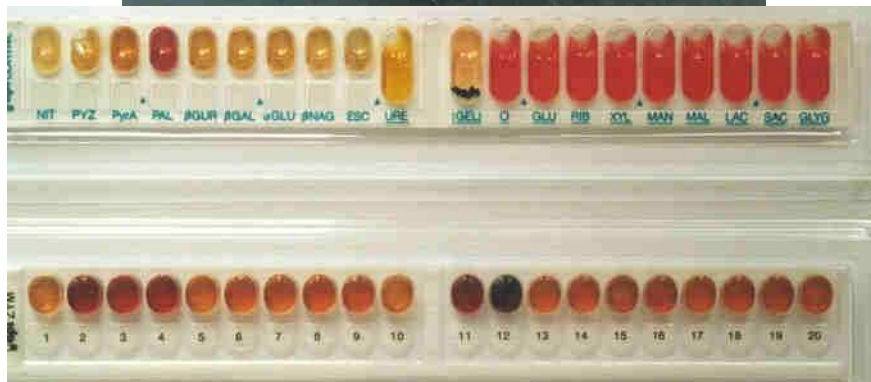
pH: Value- Optimum-

Temperature : Value- Optimum- 37°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 5436 + 5% blood (colorless)



Corynebacterium macginleyi

A – Growth on Trypticase soy agar (5436) with 5 % blood

B – Api Zym (lower) and Api Coryne