

Name: *Corynebacterium singulare*

Authors: Riegel et al. 1997

Status: New Species

Reference(s): Int. J. Syst. Bacteriol. 47:1095

Risk group: 1 (German classification)

Type strain: CCUG 37330, DSM 44357, IBS B52218

Author(s) Riegel, P., Ruimy, R., Renaud, F. N. R., Freney, J., Prévost, G., Jehl, F., Christen, R., Monteil, H.

Title *Corynebacterium singulare* sp. nov., a new species for urease-positive strains related to *Corynebacterium minutissimum*.

Journal Int. J. Syst. Bacteriol.

Volume 47

Page(s) 1092-1096

Year 1997

Genus: *Corynebacterium*

FH 6256

Species: *singulare*

Numbers in other collections: DSM 44357

Reclassification:

Morphology:

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

Melanoid pigment: - - - -

NaCl resistance: %

Lysozyme resistance:

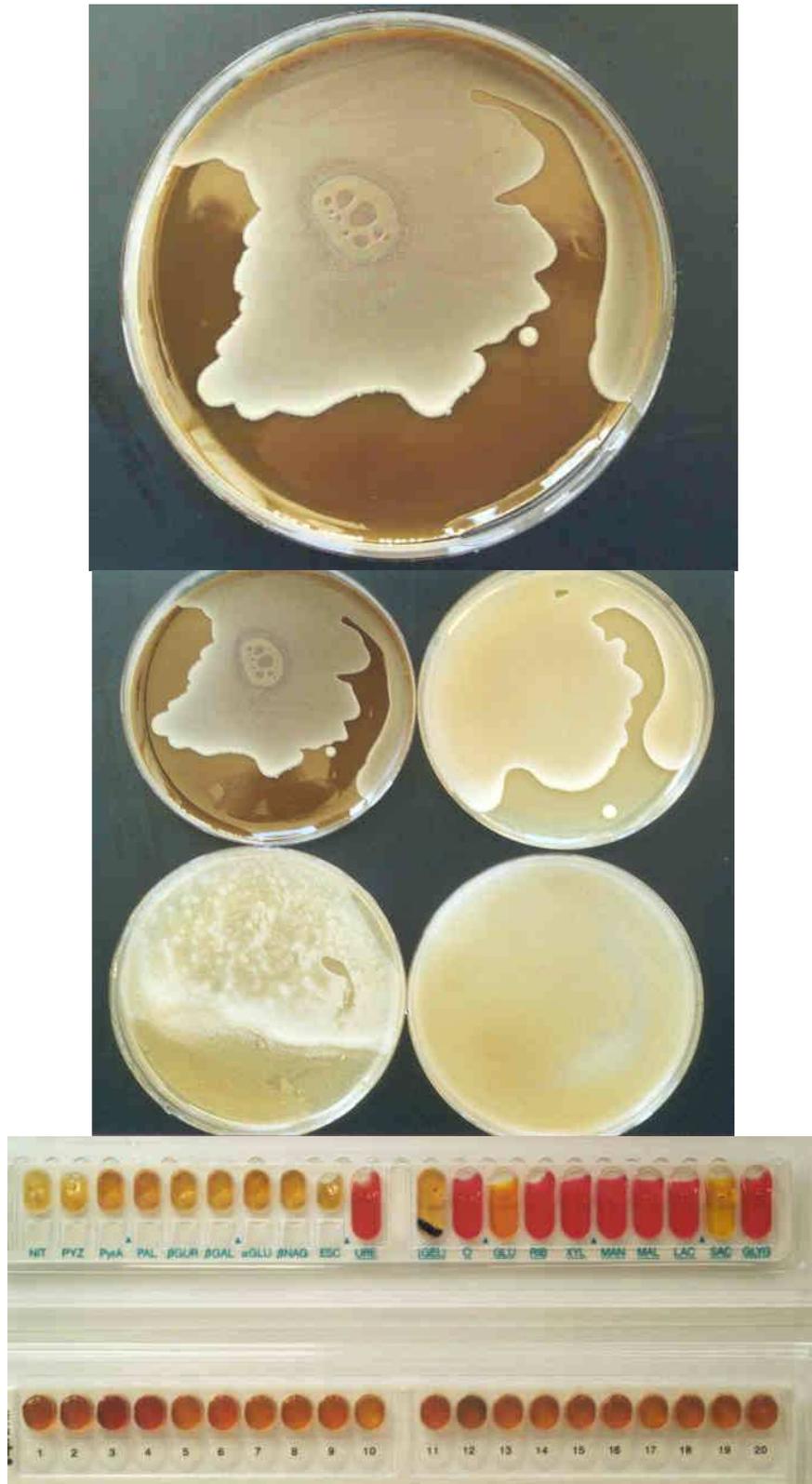
pH: Value- Optimum-

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 (ivory)



Corynebacterium singulare

- A – Growth on Trypticase soy agar (5436) with 5 % blood
- B – Agar plate media 5436 with blood, 5006, 5265 and 5315
- C – Api Zym (lower) and Api Coryne