

Name: *Corynebacterium coyleae*

Authors: Funke et al. 1997

Status: New Species

Reference(s): Int. J. Syst. Bacteriol. 47:94

Risk group: 2 (German classification)

Type strain: CCUG 35014, DMMZ 214, DSM 44184

Author(s) Funke, G., Pascual Ramos, C., Collins, M. D.
Title *Corynebacterium coyleae* sp. nov., isolated from human clinical specimens.
Journal Int. J. Syst. Bacteriol.
Volume 47
Page(s) 92-96
Year 1997



Genus: *Corynebacterium*

FH 6235

Species: *coyleae*

Numbers in other collections: DSM 44184

Basonym

Morphology:

	G	R
<u>ISP 2</u>	good	sand yellow
	A	SP
	none	none
	G	R
<u>ISP 3</u>	good	sand yellow
	A	SP
	none	none
	G	R
<u>ISP 4</u>	good	sand yellow
	A	SP
	none	none
	G	R
<u>ISP 5</u>	good	sand yellow
	A	SP
	none	none
	G	R
<u>ISP 6</u>	good	sand yellow
	A	SP
	none	none
	G	R
<u>ISP 7</u>	good	sand yellow
	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: Trypticase Soy Broth (5436) with 5 % blood (sand yellow)



Corynebacterium coyleae

- 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