

Name: *Corynebacterium imitans*

Authors: Funke et al. 1997

Status: New Species

Reference(s): Int. J. Syst. Bacteriol. 47:1274 (validation list)

Risk group: 2 (German classification)

Type strain: CCUG 36877, DSM 44264, NCTC 13015

Author(s) Funke, G., Efstratiou, A., Kuklinska, D., Hutson, R. A.,
De Zoysa, A., Engler, K. H., Collins, M. D.

Title *Corynebacterium imitans* sp. nov. Isolated from patients with
suspected diphtheria.

Journal J. Clin. Microbiol.

Volume 35

Page(s) 1978-1983

Year 1997



Genus: *Corynebacterium*

FH 6237

Species: *imitans*

Numbers in other collections: DSM 44264

Basonym

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	beige
	A	SP
	none	none
	G	R
<u>ISP 5</u>	good	beige
	A	SP
	none	none
	G	R
<u>ISP 6</u>	good	beige
	A	SP
	none	none
	G	R
<u>ISP 7</u>	good	beige
	A	SP
	none	none

Melanoid pigment: - - - -

NaCl resistance: %

Lysozyme resistance:

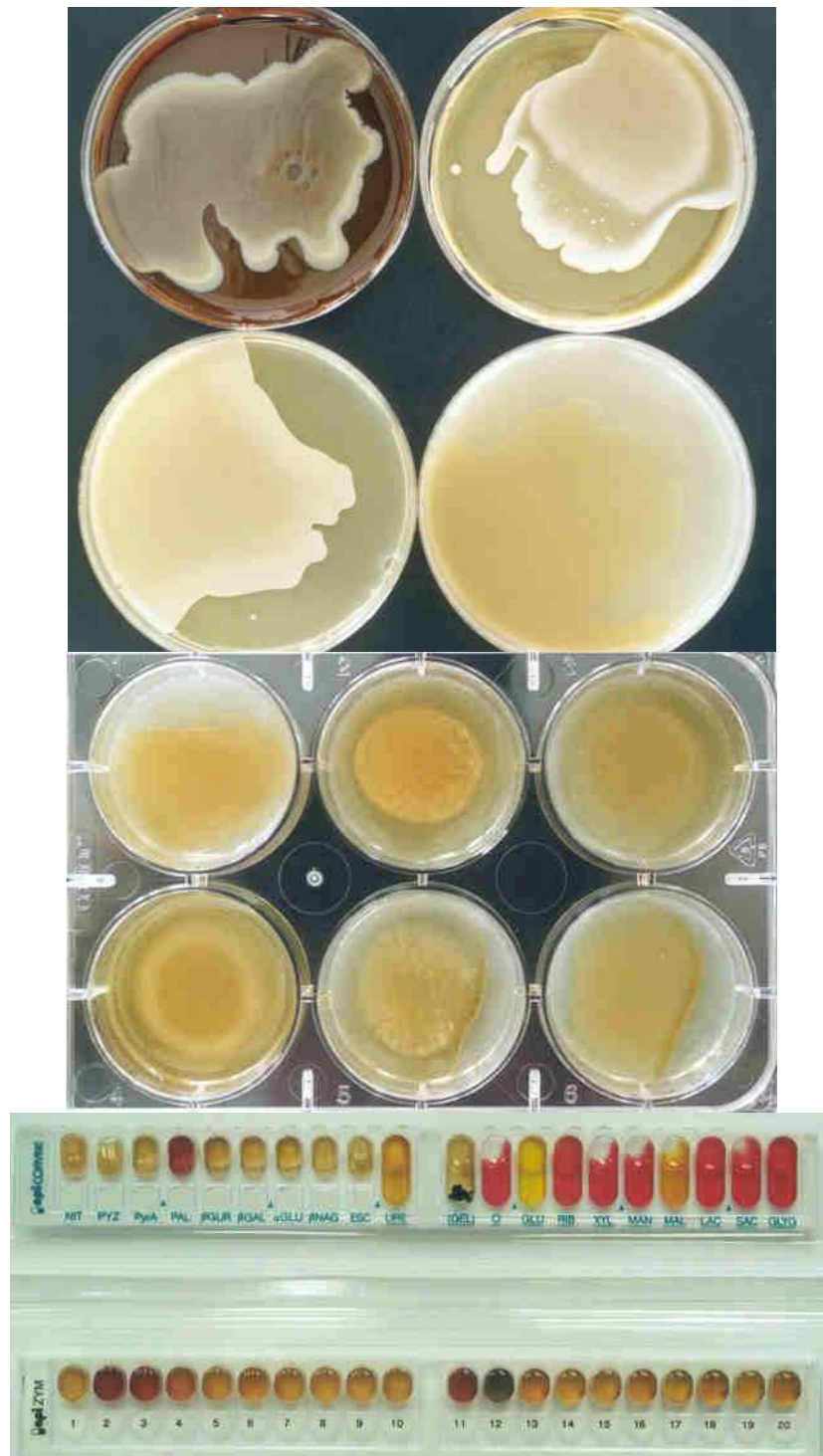
pH: Value- Optimum-

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 (green beige)



Corynebacterium imitans

- A – Agar plates media 5436 with blood, 5006, 5265 and 5315
- B – Microplate with ISP- and melanin media
- C – Api Zym (lower) and Api Coryne