

Name: ***Corynebacterium lipophiloflavum***

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 37336, DMMZ 1944, DSM 44291

Author(s) Funke, G., Hutson, R. A., Hilleringmann, M., Heizmann, W.
R., Collins, M. D.

Title *Corynebacterium lipophiloflavum* sp. nov. isolated from a
patient with bacterial vaginosis.

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Genus: *Corynebacterium*

FH 6238

Species: *lipophiloflavum*

Numbers in other collections: DSM 44291

Basonym

Morphology:

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



Corynebacterium lipophiloflavum

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